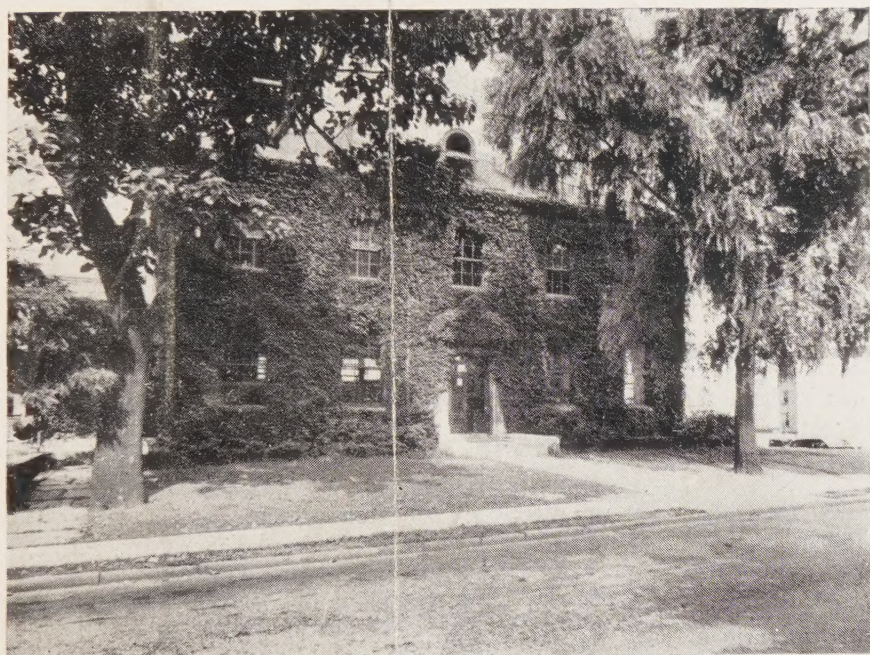


MUSEUM BULLETIN

VOLUME XXVII No. 1 — OCTOBER, 1944



OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

MUSEUM BULLETIN

of the

Staten Island Institute of Arts
and Sciences

Volume XXVII, No. 1 - October, 1944

Published Quarterly by the Staten Island Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island, N. Y. and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912.

ROSWELL S. COLES, *Editor*

The Institute begins its 64th year with a positive assurance that its program of activities and lectures is filling a cultural need in our community. Surely the increase in both attendance and membership reflects more than a passing war-time inability to escape to "greener fields." Are you making the most of your opportunities right at home?

Monthly calendars will be sent this year as in the past and it is perhaps well to repeat, especially for our new members,

"You are welcome at any meeting."

✱ ✱ ✱

The opening of the Institute season consisted, as in previous years, of a reception on Sunday, October 15 from 3 to 5 P. M. Members of the Woman's Auxiliary acted as hostesses and a pleasing but informal program, including the latest chapter of our juvenile thriller, "The Junior Museum Explores Staten Island," was given by members of the staff.

✱ ✱ ✱

Editorial work has been completed on Vol. 10, Parts 1-2 of the *Proceedings* of the Staten Island Institute of Arts and Sciences and it is hoped to have the finished copy in the mail during November.

The many friends of Mr. Davis will be sorry to learn that he has been confined to the hospital during the summer but the doctors tell us that he should be well enough to leave before many weeks. On October 12 Mr. Davis celebrated his 82nd birthday.

✱ ✱ ✱

The Institute Council has planned a new departure in our program, an Institute birthday dinner to be held at the Meurot Club on Friday, November 10. Bert Harwell, for eleven years park naturalist in Yosemite Park, will present a unique program of colored moving pictures in combination with his own musical and poetic talents. Please save this date; a further announcement will be made in the November calendar.

✱ ✱ ✱

If you have children from 8 to 15 years old and live reasonably near the museum, you should consider the many clubs, classes and lectures which the staff provides for young people. A schedule of these activities has been sent to members with the October calendar and further information may be obtained from Mrs. Parke.

During the summer regular classes were held and our young people, under Mr. Beil's direction, completed part 2 of the "Junior Museum Explores Staten Island," a moving picture designed for use in our schools. Through the medium of the film students will become acquainted with many interesting locations and will broaden their knowledge of Staten Island.

✱ ✱ ✱

Seventy members of the Music Section meet each Monday evening to rehearse Bach's *Passion According to St. Matthew*. All Institute members are invited to take part in this great choral work. The chorus is, in no way, limited to professional singers, so, if you like to sing, come out!

506
St 29m

SOME INTERESTING TREES



A large and beautiful Black Gum tree at 1050 Rockland Ave., photographed by the author, Edwin A. Rundlett.

While Staten Island is unfortunate in having no botanic garden or arboretum it does have a greater assortment of beautiful and interesting trees than any other borough of New York City. But nature lovers are faced with the problem of finding out where these various outstanding specimens are located.

This article serves to introduce a few Staten Island trees of unusual interest. The ideal list would show the location of a few of the most perfect specimens of each species and it is hoped that such a list will be completed and published as a unit. Visitors and club leaders can then use it as a guide for tree-study hikes.

The trees noted here can be seen at close range without trespassing. Measurements have been obtained by caliper at three feet above ground.

Willow Oak, *Quercus phellos*, 32 in. A street tree in front of 410 Page Avenue, Tottenville. The leaves are similar to those of the Willow. These beautiful trees are rare as far north as this.

Turkey Oak, *Q. cerris*, 18 in. and 20 in. Two specimens are located 115 ft. from Clove Road and Martling Avenue entrance to Barrett Park.

Hybrid Oak, *Q. phellos* x *Q. rubra*, 25 in. A fine specimen is located in woods west of upper Clove Lake, 153 ft. west of lowest catch basin of bridle path, on bank of southerly of two gullies leading to same. The acorn producing this tree was planted October 27, 1888 by Mr. William T. Davis, Pres. Emeritus of the S. I. Institute of Arts and Sciences.

Hybrid Oak, *Q. marilandica* x *Q. phellos*, 20 in. This tree is located on a vacant lot southwest of the intersection of Bedell Avenue and Hylan Boulevard.

Black Jack Oak, *Q. marilandica*, 14 in. Two specimens are located about 50 ft. north of 2nd and 3rd poles on the north side of Hylan Boulevard, west of Bedell Avenue.

Persimmon, *Diospyros virginiana*, 15 in. This tree is located in Great Kills (Marine) Park 163 ft. south of Hylan Boulevard curb and 240 ft. east of Keegan's Lane curb.

Hybrid Cottonwood, *Populus balsamifera* x *P. nigra*, 56 in. This the writer believes to be the largest tree of any species on Staten Island. It is a street tree at 6989 Amboy Road, Richmond Valley.

Tupelo or Black Gum, *Nyssa sylvatica*, 44 in. This is the largest and most beautiful specimen of its kind yet found by the writer. It is near the roadway in front of 1050 Rockland Ave. See illustration. An interesting table-shaped clipped specimen is in front of St. George Library.

Dutch Elm, *Ulmus hollandica*, 31 in. This rare tree is on the front lawn of 508 Clove Road.

Bolleana Poplar, *Populus alba*, var. *bolleana*, 16 in. A street tree at side of 155 College Avenue.

English Hedge or Cork Maple, *Acer campestre*, 18 in. A street tree at 93 Rose Avenue.

Silk Tree, *Albizia julibrissin*, var. *rosea*, 8 in. This tree is near the street at 779 Van Duzer Street; also at 56 Howard Avenue there are several.

American Holly, *Ilex opaca*, 12 in. This tree is near the street at 777 Van Duzer Street.

Amur Cork Tree, *Phellodendron amurense*, 8 in. This is near the recreation building at De Matti Playground, Tompkins Avenue near Chestnut Avenue.

Swiss Stone Pine, *Pinus cembra*, 17 in. This tree is on the grounds of the City Prison, Center Street at Tysen Court, Richmond.

Paper Mulberry, *Broussonetia papyrifera*, 12 in. This is a few feet from the above Pine.

Cork Elm, *Ulmus alata*, 14 in. In shrub border of Bararett Park near intersection of Broadway and Colonial Court.

Deodar Cedar, *Cedrus deodara*, 8 in. This is on the front lawn at 24 Bayview Avenue, Princes Bay.

Cryptomeria, *Cryptomeria japonica*, var. *lobbii*, 6 in. Same location as above.

Yellow-wood, *Cladrastis lutea*, 16 in. This is a street tree in front of 1289 Bay Street.

EDWIN A. RUNDLETT.

MEMBERSHIP

We welcome the following members who have joined the Institute since the publication of the April, 1944 *Bulletin*:

LIFE MEMBERS: Mrs. E. A. Fullerton and Mrs. C. G. Stiles, nominated by T. Livingston Kennedy; Mr. Percy Leason, nominated by Mr. Wm. T. Davis.

ANNUAL MEMBERS: Mrs. Albert Barbelle, Miss Edith Barber, Lorin C. Bates, Ely M. Behar, Joseph Berman, Celestino D. Berta, Miss Edith Boecking, Frederick Bohrer, Mrs. R. C. Bridgman, Mrs. Clara Brooks, Mrs. C. W. Brugger, Mrs. William Bryan, Miss Martha Burbank, William G. Burrill, F. A. Busing, Mrs. Alice Canady, Mr. and Mrs. B. N. Cantor, Mrs. I. C. G. Cooper, William Y. Daly, Harry R. Daugherty, W. A. Davies, John W. Dreyer, Herman O. Engelman, Miss Eleanor Fichtmueller, Ferdinand Fingado, B. Fingelson, Miss Irene N. Frees, Miss Rose J. Gambaro, Miss Nancy Gardner, Mrs. F. Gerber, Miss Frances Gessner, Hans Glinicke, Mrs. Frank Gunnell, Miss Mary Hankinson, Miss Mary Wood Hinman, Fred W. Hopping, William Hunn, William Jackson, Miss Frances Kachline, Hugo Kamer, Fred Kroth, Richard Kroth, Mrs. Evelyn Lahr, Philip Lasker, Miss Emily Law, Miss Marjorie Leason, Miss Nancy Leason, Miss Patricia Leason, Mrs. Percy Leason, Miss Charlotte Livingston, Mrs. Bowman Lloyd, Mrs. Victor Marklund, Mrs. John Melcher, Miss Anne E. Meltzer, Mrs. Robert Moore, Mrs. Curtis E. Neumann, Miss Eleanor Petterson, Philip Politico, Mrs. Wm. H. Pouch, Thomas Rabbage, Samuel Reed, Frank Rock, Mrs. Edward Rose, Juan Schlatter, Miss Libbie Segman, Samuei Serena, Mrs. Louise Simsar, Mrs. Frank Smith, Mrs. T. H. Spratt, Miss Lena Sutura, Miss Ruth Tysen, Miss Helen N. Wiltsey, Miss Constance Wingert.

ART ACTIVITIES



"Head of St. John," by Richard Kroth, from the October exhibition of work by artist members.

The fall exhibition of work by artist members of the Institute, held in the Art Gallery from October 1 to 31, 1944, is the first following the reorganization of the Art Association into the Art Section of the Institute.

The exhibitors and their work are: Albert Barbelle, *Flowers, Winter Solitude*; Henrietta Beaumont, *Canal Locks, Morrisburg, Ontario*; Ely M. Behar, *Great Kills, Street Scene Avalon*; Cecil C. Bell, *Manhattan Merry-go-round*; Edith Boecking, *Negro Girl, Study of a Negro*; Margaret Borinski, *Portrait Bust of my Mother*; Martha Burbank, *Burt*; F. A. Busing, *Woods' Sunset, Woods' Snow*; Muriel M. Cleaves, *Clematis, Old House*; Armen Darson,

Algerian Woman; Artemis Darson, *Still Life*; Mary Black Diller, *Autumn Hill*; Ethel Ridgewood Easley, *Rhododendron*; Irene N. Frees, *Birthday Bouquet, Flowers in a Yellow Bowl*; Rose Gambaro, *Still Life*; Hans Glinicke, *Tall Timber*; Samilla Jameson Heinzman, *Afternoon Glow, Home of the Harpist*; H. L. Howe, *Liberator*; C. C. Illers, *Symphony in Blue*; William Jackson, *Back Street, Milk Wagon*; Richard Kroth, *Head of St. John, Saturday Afternoon*; Evelyn Lahr, *Gliding*; Isabel Leason, *Dahlias*; Jean Leason, *Costume Study, Madison, Conn.*; Patricia Leason, *Still Life*; Percy A. Leason, *John, Spring Landscape*; Eleanor Marshall, *Zinnias*; Anne E. Meltzer, *Market Woman*; Ramona Michener, *Queen Anne's Lace*; Eleanor Petterson, *Still Life*; Philip Politico, *Wolf's Pond, Rev. Haughwout*; Juan E. Schlatter, *Goleta en Cartagena*; Frances Sonz, *Peter*; David Varon, *Nightblooming Cactus*; Helen Wiltsey, *R.R. Station in Durham, N. H.*; Constance Wingert, *L. (J.G.) Thomas W. Latham, U.S.M.S.*

Mrs. F. Wintrop White has prepared a biographical sketch of Mr. and Mrs. Otto C. Wigand, who died during the spring, to appear in the forthcoming issue of our *Proceedings*. Through the courtesy of Mrs. Eleanor Marshall and Mrs. Stark, Mrs. Henrietta Beaumont, Chairman of the Gallery Committee, has arranged for an exhibition of paintings by Mr. and Mrs. Wigand, to be shown during November. This exhibition will be a tribute by the Institute to two members who have been most active and helpful for over thirty years.

Frederic Whitaker, New England watercolorist, will present a one man show, opening December 5. Mr. Whitaker will give a demonstration of his technique on Sunday, December 10 at 3:30 P. M. and all members are invited to be present to meet the artist and enjoy the afternoon. The exhibition will continue through December.

The sketching group which was carried on during the summer under the direction of Percy Leason will be continued during the winter and will be held in the Institute on the first and third Friday of each month at 8 o'clock. This is an open group but artists must bring their own materials. Mr. Leason, assisted by Jean Leason, will give instruction if desired.

SHELLS

During the past two years the writer has had the opportunity of studying the Museum's systematic collection of local and exotic shells. Although this collection is less spectacular than some of our other study groups, the Museum does have a fairly large and representative number of beautiful specimens, brought by travelers from all over the world. If adequate space could be devoted to proper exhibition, a great deal of pleasure might be derived from an interest in conchology, and this article is written with the hope that this may be accomplished. About 100 species of Staten Island shells have been arranged for exhibition.

In the study collection there are over 325 species of land snails, including a quite complete collection of *Achatinella* from the Hawaiian Islands, a nice series of *Cyclostoma* from Cuba, and many lovely specimens of snails from Staten Island which are now very rare, if not extinct, on account of brush fires and increase in building.

The fresh water shells include quite a complete collection of clams and mussels from the Ohio and Missouri rivers and their tributaries, many of which are used in the pearl button industry.

The marine bivalves representing some 300 species, include many clams, scallops, and oysters, among them the Giant Clam, *Tridacna gigas*, largest known shellfish. Our specimen measures 16". Our smallest bivalve is the little Gem Shell, *Gemma gemma*, Totten, found on our own Oakwood Beach.

Among the more than 600 species of marine univalves we have the Cameo Helmet Shell, *Cassis cameo*, Stimp., used at the turn of the century extensively for the carving of beautiful cameos; the Blowing Conch, *Triton tritonis, nobilis*, used by the natives of the South Sea Islands as a trumpet; Juno's Volute, *Maculopeplum junonia*, Chemm. a rare and beautiful shell of the west coast of Florida.

From the collector's point of view perhaps the most interesting local source has been at the Marine Park in Great Kills. In addition to our own shells which may have been uncovered by the dredging operations in connection with the construction of the park, many foreign species have been brought in with sand ballast and dumped on Crooke's Point.

Some of these are common to both English and Mediterranean shores, among them *Nassa reticulata*, *Donax trunculus*, *Glycymeris glycymeris*, Lam. the edible cockle, *Cardium edule* and the edible oyster, *Ostrea edulis*.

Other shells seem to have come from England or northern Europe such as *Chione gallina*, *Buccinum undatum*, *Thais lapillus*, *Littorina obtusata*. The last named are also fairly common on the more northern shores of North America.

Others of these shells seem to have originated in the Mediterranean area such as *Cardium ciliatum*, Fab., *Tapes decussatus*, L., *Natica josephinea*, Riis, *Nassa gibbosulus*, *Murex brandaris*. One of the rarer finds is a *Murex tribulus*. It lives near the Suez Canal and Red Sea.

Mathilde Weingartner.

THE 1944 BREEDING BIRD SURVEY

This year, as in 1942 and 1943, members of the Staten Island Bird and Nature Club and others interested, made an all-day effort to cover the island seeking facts about bird life, especially information concerning birds which breed here. The date chosen for the count was June 4, 1944, and the total of bird species for the day was 77. Observers participating were Carlton Beil, Howard Cleaves, Lee A. Ellison, Billy Flamm and Miriam C. Stryker. The untimely death of Carol Stryker less than a month earlier deprived the project of the indefatigable efforts of a keen field observer whose name had been for many years associated with the natural history of Staten Island.

Birds observed, listed in the order prescribed by the American Ornithologists' Union, were:

Little Green Heron,	Crow,
Black-crowned Night Heron,	Fish Crow,
American Bittern,	Blue Jay,
Wood Duck,	House Wren,
Black Duck,	Long-billed Marsh Wren,
Marsh Hawk,	Brown Thrasher,
Sparrow Hawk,	Catbird,
Turkey Buzzard*,	Bluebird,
Osprey*,	Wood Thrush,
Ringneck Pheasant,	Veery,
Clapper Rail,	Robin,
Herring Gull*,	Starling,
Ring-billed Gull*,	Red-eyed Vireo,
Laughing Gull*,	White-eyed Vireo,
Least Tern,	Yellow Warbler,
Common Tern*,	Prairie Warbler,
Piping Plover,	Northern Yellowthroat,
Killdeer,	Bay-breasted Warbler*,
Woodcock,	Yellow-breasted Chat,
Ruddy Turnstone*,	Ovenbird,
Sanderling*,	House Sparrow,
Least Sandpiper*,	Baltimore Oriole,
Semi-palmated Sandpiper*,	Orchard Oriole,
Mourning Dove,	Red-winged Blackbird,
Yellow-billed Cuckoo,	Grackle,
Black-billed Cuckoo,	Meadowlark
Belted Kingfisher,	Scarlet Tanager,
Whip-poor-will,	Chipping Sparrow,
Chimney Swift,	Seaside Sparrow,
Downy Woodpecker,	Sharp-tailed Sparrow,
Flicker,	Swamp Sparrow,
Kingbird,	Song Sparrow,
Alder Flycatcher*,	Field Sparrow,
Wood Pewee,	Goldfinch,
Phoebe,	Towhee,
Great Crested Flycatcher,	Cowbird,
Prairie Horned Lark,	Cardinal,
Barn Swallow,	Indigo Bunting.
Rough-winged Swallow,	

Names followed by an asterisk (*) are species not known to breed on the island. Comparing the three years, the totals of species observed were 75 in 1942, 89 in 1943, 77 in 1944. This year it was decided to set up a "long period" census extending from May 1st to June 30th in addition to the intensive one-day census. In actual practice, by reason of discoveries in the field, this period was

extended into July. A notable discovery was made July 10th on Crooke's Point in Great Kills Park when this writer found a nest of the Prairie Horned Lark containing five young aged three or four days. So far as known this is the first nest to be found on the island, although it has been evident for the past few years that this species was breeding with us.

Gratifying evidence is at hand that the Wood Duck is increasing on the island. Single birds, twos, threes and one group of five have been seen in different small ponds and wet spots in Eltingville, Prince Bay and Pleasant Plains.

On the day of the census, June 4th, this observer heard crows mobbing something in the woods not far from Ramona Boulevard about one mile from Outerbridge Crossing. The object of the crows' worries proved to be a Turkey Buzzard perched in a thick stand of big trees. Judging from the feathers and whitewash on the ground the spot had been used by the buzzard as a roost for some time. Later the same day three buzzards were seen circling above the same woodland. On July 13th I saw a Turkey Buzzard in flight just above the treetops at Huguenot Park, Staten Island. The presence of buzzards on the island in the breeding season is a new departure. To the first person who finds a nest of this bird within our boundaries — a buzzard feather for his cap!

There has been a disappointing decrease in the size of the Least Tern colony on the sand-shell wastes near the beach in Great Kill Park. Although the area is supposed to be closed to the public until construction and filling are completed, there has been much intrusion with consequent disturbance to the birds. However, another influence appears chiefly responsible for the diminution in the tern population this year, namely the increase in vegetation all over the Crooke's Point portion of the park. The terns demand open sand-shell habitat and only one such place now remains, a spot about one hundred feet in diameter. The only nests discovered — one with two small chicks and one with two eggs — were located within this limited territory. However, other chicks had evidently already been brought off because well grown young, some able to fly, were seen walking among weeds and grass and being fed by parent birds. Ten adult birds were the maximum seen on the wing above the colony at one time, but late in July when all young were able to fly a group of mixed young and adult numbering twenty-five birds was assembled on a sand-mud flat not far from the breeding area. This probably represented the bulk of the Least Tern population at Great Kill the present season.

Piping plovers appeared slightly reduced in numbers also. Two small chicks were seen with two adults on July 10th and one or two additional adults in another part of the beach area. Two pairs, possibly three, would appear to have been the extent to which these lovely little shore birds were represented on the island in 1944.

How damaging brush fires can be to bird life was well illustrated this season on the breeding grounds of the Prairie Warbler in the vicinity of McGuire Avenue between Pleasant Plains and Rossville. Much of the tract favored by the birds during the past two years was this spring literally burned to a cinder. The warblers were heard to sing there on May 14th, but in June not one individual of this species could be heard. Arriving from the south, the birds evidently proceeded to the preferred nesting grounds but on finding their cover burned out were obliged to move on in search of some less blighted district. One Prairie Warbler was heard singing in late June in the brushlands near Page Avenue, Richmond Valley, and very likely bred there.

HOWARD H. CLEAVES.

MUSEUM BULLETIN

VOLUME XXVII, No. 2 — JANUARY, 1945



OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

TREES AND THE HURRICANE

The hurricane of September 14, 1944 set a new record for maximum sustained wind velocity in this area. According to the Weather Bureau this reading was 81 miles per hour at 7:27 P. M. The extreme mile came at 7:39 P. M., 99 m.p.h., from the north. This violent north wind found the trees with little power to resist, as the soil was thoroughly saturated to a considerable depth. During the 12th, 13th, and 14th 8.22 inches of rain fell.

Throughout the entire city 16,800 street and 7600 park trees were destroyed. In addition 12,000 street and 5220 park trees were blown over, but were later saved by staking, bracing, or guying. In Staten Island alone, 1835 street and park trees were destroyed. Besides these, 965 uprooted trees were salvaged. No survey was made on private property.

When the wind reached hurricane force it was coming from the east, accompanied by heavy rain. It veered to the north-east and then, with increasing violence, to the north. Few trees went down until it reached north-east. When coming from that direction, and from north-north-east, Clifton, Rosebank, South Beach, Midland Beach, and Oakwood suffered heavy tree losses. The wind was then coming from the Upper Bay unobstructed by Staten Island's hills. Midland Beach and Oakwood were the hardest hit communities. Sunnyside lost many of its large Silver Maples from wind that swept southward through Clove Valley. On the other side of this valley Castleton Corners lost most of the Poplars spared by the hurricane of September 21, 1938. On the north shore wind coming from Newark Bay passed over Arlington and Mariner's Harbor, where trees are few, and then struck Willowbrook, where a thick stand of Poplars suffered seriously, particularly in the area bounded by Watchogue Rd., Sheraden Ave., and Willowbrook Rd. About 125 Poplars were uprooted in this area. In Willowbrook Park fully half of the large trees in the picnic area went down, most of them Oaks. These had shallow roots because of the high water table.

That section of Eltingville near Wainwright and Leverett Avenues was almost stripped of Poplars by north wind coming in from Newark Bay over the Fresh Kills meadows. The above-mentioned communities sustained possibly half of the island's tree casualties. No community escaped entirely. Richmond, New Dorp, Grant City, Dongan Hills, and Concord, being partially sheltered by hills, suffered least.

It was my privilege to study at close range the effects of both the 1938 and the 1944 hurricanes upon trees. In my opinion the order of susceptibility of tree varieties to destruction by high winds would be about as follows:

- | | | |
|--------------------|--------------------|------------------|
| 1. Carolina Poplar | 8. Sassafras | 15. Tulip |
| 2. Willow | 9. Ash | 16. Plane |
| 3. Silver Maple | 10. Red Maple | 17. Norway Maple |
| 4. Black Locust | 11. American Elm | 18. Oak |
| 5. Wild Cherry | 12. Linden | 19. Sweet Gum |
| 6. Ailanthus | 13. Horse Chestnut | 20. Sour Gum |
| 7. Asiatic Elm | 14. Beech | |

Among the evergreens, Blue Spruces and White Pines showed poorest resistance.

In an article of this length it would be impossible to say much about methods of salvaging uprooted or injured trees. One lesson was brought out forcefully that is worth passing along. Under hurricane conditions methods ordinarily recommended do not suffice. I mean the staking and guying methods. Stakes and guys, like the trees themselves, find little support in the deeply saturated soil, and soon pull loose. A better method is to use three braces of 2 x 4's or 2 x 6's instead of the three guy wires usually advised.

The tops of the braces are nailed to wood blocks about a foot long which are in turn nailed to the tree trunks. The bottoms of the supports are firmly braced



**View of Guyon Avenue, showing destruction of Poplars
by the hurricane of Sept. 14, 1944.**

against driven pegs below the surface of the soil, or against large buried rocks or masonry. Great care must be exercised to avoid bruising the bark in removing the blocks and in pulling the trees upright.

An essential part of every salvaging job is to reduce the size of the tree crown by pruning. Thinning is especially important as it reduces danger of further wind injury. The greater the root injury, the more severe the pruning must be. Remember that *street* tree pruning is a function of the Park Department.

If you plant a street tree, a Park Department permit will be needed. There is no charge for this. The Department's approved list, subject of course to the presence of suitable growing conditions, includes the following varieties: Red Oak, Scarlet Oak, Pin Oak, English and American Elms, Silver Linden, Small-leaved European Linden, Honey Locust, Maiden Hair Tree (Ginkgo), Sweet Gum, Norway Maple, and London Plane, often sold under the name of Oriental Plane.

For lawn trees, unless the lawn is unusually large, it is best to select a variety which at maturity is small or medium-sized. Trees creating very dense shade, such as the Norway Maple, will eventually destroy the lawn.

Here is a list of trees suitable for small lawns on Staten Island.

Hedge Maple	Flowering Dogwood	Magnolias
Amur Maple	Kousa Dogwood	Flowering Crabapples
Red Horse Chestnut	Cornelian Cherry	Sourwood
Silk Tree	Washington Thorn	Amur Cork Tree
Gray Birch	English Hawthorn	Purple-leaf Plum
Pea Tree	Japanese Lilac	Higan Cherry
Hornbeam	Franklinia	Yoshino Cherry
Redbud	Silverbell	Epaullette Tree
Fringe Tree	Goldenrain-tree	European Mt. Ash
Yellow-wood	Golden-chain tree	Snowbell

I am afraid that most of us are a little selfish when it comes to tree selection and planting. We think too much of the shade or of the blossoms and fruit we are going to enjoy. Did you ever stop to think how few of the trees we enjoy most were planted by our own generation? Why shouldn't we do some planting of the more choice varieties for those who follow us? If we do, no hurricane can do to our community what this one did to Midland Beach. If we do, we shall experience an inner joy of the highest sort that will increase as the years go by.

(Continued on page 8)

MUSEUM BULLETIN
of the
Staten Island Institute of Arts
and Sciences

Volume XXVII, No. 2 January, 1945

Published Quarterly by the Staten Island Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island, N. Y. and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912.

ROSWELL S. COLES, *Editor*

Attendance figures for 1944 show a healthy increase over the previous year, 48,868 compared to 41,637. The increase is gratifying because it is derived largely from greater adult participation in Institute affairs. There were 53 school class visits, most of them occurring during the past school term and we are pleased to welcome the return of classes. Two hundred and seven museum classes, and 37 movies and shows were held for children. There was a corresponding decrease in the number of in-school lectures given, 60 to about 10,000 children.

* * *

Volume 10, parts 1-2, of the *Proceedings of the Staten Island Institute of Arts and Sciences* has been completed. Copies have been mailed to all annual members and to those on our mailing list who returned the request card. There are articles by Howard Cleaves, Lee A. Ellison, Percy Leason and Mrs. Emma L. R. White.

Mr. Leason's article, "Some Factors in the Rise and Decline of Painting," has already received some attention in print and it is an interesting statement of the problems of modern art.

We have had printed a few extra copies of the *Proceedings* which are available to members.

* * *

A new folk dance group for adults, led by Mrs. Parke and her father, Hinman Root, has been organized in the Institute. Mrs. Parke and Mr. Root have been conducting successful dance groups on the Island for many years and our first meetings have found an enthusiastic response. The group meets

on alternate Fridays, the 2nd and 4th of each month, at 8 P. M. Folk dancing has one great virtue, it can be enjoyed equally by us older, slightly creaky folks as well as by the young and vigorous.

* * *

We take this opportunity to thank the participating artists in our Christmas music program: George and Nina Martin, Mrs. John Sanders and Miss Marjorie Sunderman's Treble Choral Ensemble. Their full cooperation and generous assistance insured a memorable Christmas meeting.

* * *

Three Institute members deserve congratulations for recent successes. Frank Gunnell won first place with his film, "Baie St. Paul," in the annual "Ten Best" films selected by the Amateur Cinema League. Cpl. Alfred McNamara won second place in a recent Eighth Air Force art exhibition held somewhere in England." Mary Black Diller's new book, "Drawing for Children" will be of interest to young folks with a creative urge.

* * *

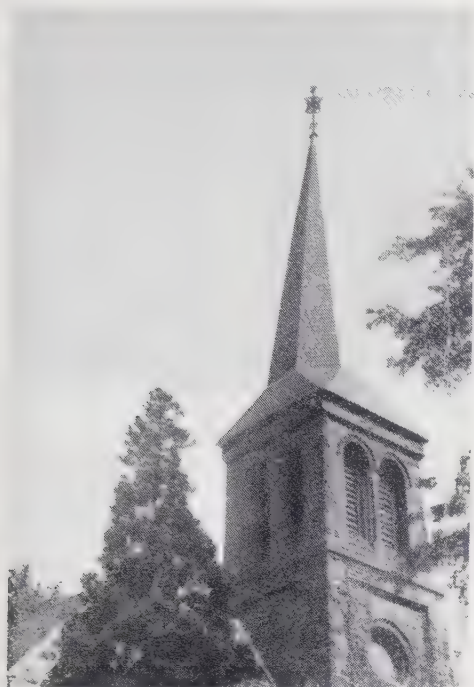
We welcome the following to annual membership in the Institute:

Mrs. H. Cleaver Brown, Miss Ellen K. Carlsen, Mrs. Armen E. Darson, Robert Denniston, Mary Black Diller, Mrs. Ridgewood Easley, Mrs. Samilla J. Heinzman, Herbert L. Howe, Miss Mary C. McGinnis, Mrs. Ramona Michener, Mrs. Arnold C. Pouch, Mrs. Ida Powell, Casper Schwing, Mrs. Ben Sonz, David Varon, Mr. and Mrs. Ernest H. Williams, Mrs. Carl Wittlinger.

* * *

The Institute gratefully acknowledges with thanks, donations of money or objects from the following: Albert W. Barbelle, Children of P. S. 34, Mrs. James Christal, Mrs. Katherine J. Clarke, William S. Errington, Mrs. Walter C. Kerr, Estate of Adele T. Low, Mrs. Thomas I. Miller, Mrs. Fannie Sporn, Mrs. Alice Albright Stark, Mrs. Willard J. Tompkins.

IN THE GALLERY



"Church of St. Andrew"
Photograph by William Hunn.
From the Annual Exhibition
of the Staten Island Camera Club.

Camera Club Exhibition. The Annual Exhibition of photographs by the members of the Staten Island Camera Club opened with a reception on January 7, and will continue through the month. Exhibiting members are: Adolph Auriema, William Y. Daly, Cecelia Egan, Mrs. Evelyn Ellis, W. Louis Ellis, Maxwell Goldberg, Edgar Hamm, Gilbert Hoppin, William Hunn, Allan Jacobson, Henry Koenig, Herbert Kolb, Leon Levitan, Charles Marino, Oscar Olsen, Victor Reichelt, William J. Riordan, George Stergious, Mrs. Bertha Tarbox, William Tarbox, Herbert S. Thomson, Jr., Alfons Wallich, Mrs. Anne Warne, Herbert Warne.

In connection with the exhibition, Paul L. Rittenhouse, President of the N. Y. Microscopical Society and Chairman of the Outing Committee of the Appalachian Mountain Club, lectured at the Institute meeting on January 20 on "Canoeing and Camping in Canadian Wilds," illustrated with Kodachrome slides. He demonstrated the use of color photography, and at the conclusion of the program

answered technical questions. A group of prize winning prints, selected by Camera Magazine, were displayed in the auditorium.

Paintings

The Memorial Exhibition to Adeline Albright Wigand and Otto Charles Wigand, held during November, 1944, was a fitting tribute to these artists. The exhibition included twenty paintings by Mrs. Wigand and twenty-one by Mr. Wigand.

Frederic Whitaker, noted watercolorist, showed a selection of paintings through December, 1944, and on Sunday, December 10, gave a demonstration of his painting technique, completing a sketch he had previously made, as the audience watched and asked questions.

Arnold Hoffman, one of America's foremost painters of the war scene, will hold an exhibition of a selected group of his paintings during February. In March, through the courtesy of Collier's Magazine, an exhibition of illustrators' originals will be shown.

The Institute is glad to have this opportunity of announcing three recent acquisitions to its permanent art collection. Mrs. Willard J. Tompkins presented an oil portrait of the five eldest children of Governor Tompkins, painted in 1800 by E. Ames. Miss Adele T. Low bequeathed an oil painting of an Italian Peasant Girl by an unknown artist. Mrs. Alice Albright Stark is presenting a portrait of Mr. Wigand by Mrs. Wigand, and also made a donation to the fund for the permanent collection.

The Gallery Committee, Mrs. Henrietta Beaumont, Chairman, has arranged for the exhibitions, and special thanks are due Mrs. Stark and Mr. Robert Wigand for their assistance with the Wigand Memorial Exhibition.

AN OPEN LETTER

Dear Member:

Our staff has been cheered lately by many enthusiastic comments we have received from both members and casual visitors. These, indeed, are inspiring, for we like to feel that the work of the Institute is meeting with approval.

One of our primary objects is to provide the people of Staten Island and our visitors with a pleasing variety of exhibits relating to the arts and sciences—paintings, bird groups, minerals—anything of interest to the Island. We want our visitors to enjoy these things.

It is certainly a pleasant experience, for example, to visit the fine exhibition by the Staten Island Camera Club now hanging in our gallery, and I am sure that those of you who have seen it have enjoyed it.

But this is only the beginning. Too often we hear our visitors say, "Well, I don't know anything about art . . . but I know what I like." When we hear that we know our work has just begun. The Institute is more than just a place in which to enjoy things.

In photography, as in other arts, not only do we like some pictures better. Some really *are* better. But we cannot always distinguish by a casual observation of exhibitions which these are. It is at the critiques held by the Camera Club during its meetings that we can best learn to appreciate the "why" and "what" of good photography. This is as true for the laymen with neither time nor inclination to undertake the "how" of good print making as it is for the winners in the "Class A" competitions.

In the same way, few of our Island painters will ever become expert naturalists. But our paintings will be infinitely better if we learn to emulate the close, detailed examination which naturalists give to their field observations. We do this with the human figure but we are likely to neglect the bodily details of our beautiful Staten Island landscapes. We shall find new inspiration for Island studies, and worry less that we can't get to our customary summer resorts. Laymen, too, will appreciate paintings better because of their close association with nature.

Yes, artists should go on our nature walks. So should we all.

It is by participating in these activities that we get the most from an institution such as ours.

When I discuss these things with members it is always at this point that someone says either, "I haven't the time," or, "I haven't the energy."

It is true, of course, that some things must be done. But if it is a choice of staying home and cleaning the house, or going to the movies, or to a Camera Club critique, your director, as an old hand, urges you to sweep the dust under the rug and get on to something better. You can name a dozen great painters, or musicians, or scientists. Can you name one famous housecleaner?

The same is true with energy. The prime function of an institution like ours is *re-creation*. It is especially needful during wartime. If you need vigorous exercise, try the folk dancing group; if you need to sit quietly, there are comfortable armchairs in the gallery. Whatever your physical and mental needs, you will go away, not more tired, but refreshed.

Someone once said that Americans are a people who have everything but time. It also has been said that Americans are a people who want to do things better. Each of us has exactly twenty-four hours a day at our disposal, no more, no less. Let's make the best possible use of our time. Go on that bird walk!

With *your* participation we shall more nearly fulfill our chief function as an Institute of Arts and Sciences.

Sincerely,

Roddy.



THE ARCTIC IN COLOR

At the Institute meeting of February 17 we shall again welcome Staten Island's dean of arctic explorers, Capt. Bob Bartlett. Capt. Bob is well known to Staten Island audiences and many have heard of his experiences on expeditions for the American Museum of Natural History. Many more are familiar with his schooner, Effie M. Morrissey, which, until the war, was berthed at the McWilliams Shipyard.

His new program, "The Arctic in Color" brings to us the beautiful colors of the Northland, gorgeous sunsets, gold and blue waters, iridescent icebergs and lovely hillsides splashed with many-hued wild flowers.

Capt. Bob's winning ability as a story teller, added to his beautiful moving pictures, insures a delightful evening.

BACH'S "PASSION ACCORDING TO ST. MATTHEW"

The long anticipated production of Bach's "Passion According to St. Matthew" will bring to Staten Island an opportunity to hear one of the most magnificent of all religious musical masterpieces. It will also bring together over 150 Staten Island musicians who have undertaken the work.

Assisting our own chorus of 80 men and women will be the Wagner College Choir directed by Mr. John Bainbridge. Soloists will be: soprano, Mrs. John Sanders; alto, Miss Elsie McFarlane; tenor, Mr. Donald Steele; bass, Mr. Frank Purcell. The Kiwanis orchestra will provide the accompaniment, Mr. George Dare and Mr. George Martin will be at the organ and piano. Ernest Jansen will conduct.

The performance will be held on Thursday, March 22 at 8:15 P. M. in the auditorium of the Curtis High School.

John Greenleaf Whittier expressed it better:
 "Give fools their gold and knaves their power;
 Let fortune's bubbles rise and fall;
 Who sows a field, or trains a flower,
 Or plants a tree, is more than all.
 For he who blesses most is blest;
 And God and man shall own his worth,
 Who toils to leave as his bequest
 An added beauty to the earth."

EDWIN RUNDLETT.

THE CHRISTMAS BIRD COUNT, 1944

On Sunday, December 24, 1944, Carlton Beil, Howard Cleaves and Lee Ellison were afield on the Island taking the annual Christmas bird census under the auspices of the National Audubon Society. The present count is the 45th in the history of the event. Thirty-seven species of birds and 8,376 individuals were observed, including three introduced ones — Ring-necked Pheasant, Starling and House Sparrow. Following is the list of birds recorded for the day, arranged in accordance with the American Ornithologists' Union classification, together with the totals of individuals counted or estimated:

Canada Goose, 12; Black Duck, 528; Greater Scaup Duck, 1500; American Golden-eye, 34; Buffle-head, 6; Old-squaw, 12; Red-breasted Merganser, 1; Cooper's Hawk, 1; Red-tailed Hawk, 2; Marsh Hawk, 2; Sparrow Hawk, 3; Ring-necked Pheasant, 7; Killdeer, 2; Glaucous Gull, 1; Great-backed Gull, 20; Herring Gull, 5000; Barn Owl, 1; Flicker, 5; Downy Woodpecker, 7; Horned Lark, 40; Blue Jay, 23; American Crow, 35; Black-capped Chickadee, 14; White-breasted Nuthatch, 9; Robin, 2; American Pipit, 5; Starling, 777; Myrtle Warbler, 2; House Sparrow, 79; Purple Grackle, 1; Cardinal, 21; Goldfinch, 36; Slate-colored Junco, 61; Tree Sparrow, 67; White-throated Sparrow, 25; Song Sparrow, 22; Snow Bunting, 1.

Noteworthy are the Canada Geese present in Staten Island waters now, or at any time, these birds ordinarily being noted irregularly in passage during November and March; the increased numbers of Black and Scaup Ducks, one raft of Scaups at Prince Bay containing an estimated thousand individuals; the Glaucous Gull observed by Mr. Beil; and the five Pipits seen by Beil and Cleaves together. Pipits are seen rather infrequently on Staten Island, their normal time of appearance being October and their preferred habitat plowed lands or open fields. The five individuals here recorded were discovered in the Great Kill salt marsh, feeding among grasses three and four feet high. The Pipits kept to the less dense areas, but were almost as difficult to flush as a Sharp-tailed Sparrow, and proved themselves adept at keeping vegetation between them and us. They made quick runs across open stretches of ice and frozen muck, appearing to secure food of some sort among the stems of small grass clumps close to the ground. The birds were in drab winter plumage, probably dulled further by oil and other dirt derived from the vegetation, but when forced to fly they displayed the outer white tail feathers as they undulated through the air uttering their rather subdued, two-syllable, beady notes.

Mr. Ellison reported seeing eight Cardinals "at once," which might almost justify the use of the word *flock*, and he expressed the opinion that Chickadees are becoming more numerous in winter on the Island, perhaps building up toward a peak of abundance.

The single Snow Bunting reported by Mr. Beil had attached itself to a flock of forty Horned Larks, traveling and feeding with them. Both species are gregarious during winter.

A spectacular concentration of Herring Gulls may be seen in the vicinity of the garbage fill operations now taking place at Great Kill Park where great scows discharge a bewildering variety of noisome wastes from a million city homes.

HOWARD H. CLEAVES.

Wm. T. Davis



1862 . 1945

MUSEUM BULLETIN of the
STATEN ISLAND INSTITUTE
OF ARTS AND SCIENCES
VOL. XXVII, No. 3, APRIL, 1945



This photograph of Mr. Davis was taken by Howard H. Cleaves on June 9, 1944, at the Wort Homestead, Rossville, Staten Island, on a field trip to hear the "advance guard" of Brood 2, 17-year Cicada, due to appear in 1945. It is believed to be the last photograph of Mr. Davis.

WILLIAM THOMPSON DAVIS

October 12, 1862 — January 22, 1945

The death of William Thompson Davis on January 22, 1945 following a six-months' illness deprives the scientific world of a beloved naturalist and entomologist whose devotion to Science and the search for truth were the dominating passion of his long life.

But there was another aspect to his character. The national renown which Mr. Davis achieved in the field of entomology, especially in the Cicadidae, overshadowed a lifetime spent quietly and generously devoting himself to a wide variety of community enterprises. His unselfish devotion to Staten Island, coupled with his genial disposition will long endear him to thousands of fellow citizens whose only entomological interests concern the extermination of Cimex lectularius and Culex pipiens.

A more formal and complete biographical study is planned for the future. In the meantime this issue of the Museum Bulletin is devoted to bringing together recollections of Mr. Davis by a number of close friends. These brief essays and poems are neither exhaustive nor definitive. There is some duplication of information purposely included. But together they do, in their own quiet way, epitomize the fulness of the unique character that was our beloved "Uncle Billy."

Roswell S. Coles.

MUSEUM BULLETIN of the Staten Island Institute of Arts and Sciences.
Vol. XXVII, No. 3, April, 1945. Published Quarterly by the Staten Island
Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island, N. Y., and
entered as second class matter at Staten Island, N. Y., under Act of August 24,
1912. Roswell S. Coles, Editor.

Contents

COVER DRAWING	- - - - -	Jean Leason
PHOTOGRAPH	- - - - -	Howard H. Cleaves
FOREWORD	- - - - -	Roswell S. Coles



WILLIAM T. DAVIS, ENTOMOLOGIST	-	Harry B. Weiss	1
ONE DAVIS	- - - - -	Mabel Abbott	3
WILLIAM T. DAVIS AND THE YOUNGER GENERATION	-	James P. Chapin	5
WILLIAM T. DAVIS (Poem)	-	Charles Coleman Stoddard	8
WILLIAM T. DAVIS — NATURAL PHILOSOPHER	-	Robert W. Cumberland	9
A LOCAL NATURALIST	- - -	Lee A. Ellison	11
A LOCAL HISTORIAN	- - -	Loring McMillen	13
AN APPRECIATION	- -	Rev. Francis R. Godolphin	15
RESOLUTION PASSED AT THE MEETING OF THE STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES, February 17, 1945.	-	Frank A. Strauss	16
A DAY AFIELD ON STATEN ISLAND (Poem)	-	William T. Davis	17



WILLIAM T. DAVIS, ENTOMOLOGIST

HARRY B. WEISS.

Among the varied interests of Mr. Davis, entomology appeared to be the most important. Even at the early age of 15, he was interested in insects, especially cicadas. As one of the few good general naturalists, specializing in entomology, he made it an object thoroughly to explore the fauna of Staten Island, and he was capable, at the same time, of identifying much of his material. He frequently collected insects in New Jersey and occasionally in some of the southern states. All his Staten Island records were incorporated in *A List of the Insects of New York*, published by the Cornell University Agricultural Experiment Station in 1928. His New Jersey records were utilized in *Insects of New Jersey*, Trenton, N. J., 1909, by Dr. John B. Smith, who recognized therein Mr. Davis' ability and thoroughness. And his observations and descriptions of new species of dragonflies were used in Dr. James G. Nedham's *Handbook of the Dragonflies of North America*, Baltimore, 1929.

Mr. Davis was unusually generous and helpful to everyone who came to him seeking information, and in the prefaces to many works on North American insects, the authors acknowledge their indebtedness to his large fund of entomological knowledge, and to his kindness. Examples of rare species were either loaned or given to students, as well as notes on distribution and habits. Dr. W. S. Blatchley, in the introduction to his *Orthoptera of Northeastern America*, Indianapolis, 1920, said, "Mr. Davis, who is not only a student of Orthoptera, but also a naturalist of high rank and interested in all forms of living things, has aided me greatly in many ways." And the same author, in his *Heteroptera or True Bugs of Eastern North America*, Indianapolis, 1926, wrote—"As in my works on Coleoptera and Orthoptera, so in this instance, my friend and fellow naturalist, W. T. Davis, of Staten Island, N. Y., has been of great service. Anything I wanted which he could furnish in the way of specimens or literature, he gladly sent, and he also furnished many notes on distribution and habits." Such happenings were multiplied many times during Mr. Davis's long life.

In addition to helping others in their scientific studies, Mr. Davis wrote extensively on entomological topics, most of his contributions appearing in the *Bulletin of the Brooklyn Entomological Society* and in the

Journal of the New York Entomological Society. In the first fifty volumes of the latter journal or from 1893 to 1942 there are approximately 130 titles by Mr. Davis. These include short notes as well as many lengthy papers on such insects as butterflies, dragonflies, beetles, grasshoppers, crickets, ants, tiger beetles, pink katydids, bugs, butterfly migrations, collecting experiences and especially descriptions of new species and varieties of cicadas from California, Colorado, New Mexico, Arizona, Oregon, Kansas, Utah, Mississippi, Virginia, Texas, Florida, Mexico, Porto Rico and the West Indies. It has been said that almost two-thirds of the known North American species were described by Mr. Davis, together with notes on their distribution, habits and songs. Mr. Davis was the leading authority on the cicadas of North America and his collected papers that appeared in the *Journal of the New York Entomological Society* occupy two substantial volumes. In the Staten Island Museum there is his extensive collection of Cicadidæ as well as large series of Coleoptera collected by Charles W. Leng and Mr. Davis. His last cicada paper appeared in the September, 1944, issue of the *Journal of the New York Entomological Society*.

Furthermore, Mr. Davis gave unsparingly of his time and labor to the Brooklyn and New York Entomological Societies. He was treasurer of the New York society from 1904 to 1928, president during 1929 and 1930 and honorary president from 1940 on. From 1912 to 1916 he was president of the Brooklyn Entomological Society and also from 1920 until his death.

In addition he was a fellow of the Entomological Society of America, the New York Academy of Sciences and a member of the Boston Society of Natural History, Academy of Natural Sciences of Philadelphia, Washington Entomological Society, the Linnaean Society of New York and the American Association for the Advancement of Science.

Mr. Davis will be greatly missed by his numerous friends and correspondents in all parts of the United States. His wisdom, tact and kindness and his gentle, amiable disposition were familiar to all who knew him. His contributions to the science of entomology were many and varied and wherever cicadas are studied Mr. Davis's work and name will be remembered.

ONE DAVIS

MABEL ABBOTT.

"This is one Davis."

How often we heard him say that over the phone, or saw it signed to one of the postcards that were his favorite stationery! He had nicknames for most of his friends, and this was his nickname for himself. It had a quaint fitness, in that it identified him and yet carried the modest implication of individual inconspicuousness that he liked.

So many of his phrases had some sly aptness or fresh viewpoint, that we shall find them becoming a part of our daily speech and thought; and also, as time goes on, we shall realize more and more what a clear mind it was that coined them, and what a rare and original personality expressed itself through them.

For instance, the Maybe-so Club. If a bit of unkind gossip was repeated in his presence, or if a statement was made on insufficient proof, Mr. Davis would say mildly: "Well, you know I belong to the Maybe-so Club." That meant, "Maybe it's so, — but we don't know that it is. Let's wait and see." And in that smiling comment lay not only kindness and fairmindedness, but also his stern standards as historian and scientist. He appreciated, no one better, the charm of legend and folklore and old people's recollections, and he and Mr. Leng recorded these; but what they wrote as fact concerning the history of their beloved Island had first been proved to the extent of their ability. He belonged to the Maybe-so Club, too, with regard to each supposedly "new" cicada until relentless investigation had established its status beyond doubt. That is why scientists honored his decisions, and came from half around the world to see the collections that had passed his Maybe-so test.

Which of the many sides of that delightful personality shall we remember longest? Many who never saw him but knew him through his work, will remember him only as one of the world's outstanding entomologists, with natural genius developed and disciplined by a lifetime of observation and study. But we who knew him personally will remember and miss the small, spry figure with pockets heavy with stones and a butterfly net stuck down the back of his coat with the bag waving

above his head and the handle protruding below like a tail. Or perhaps we saw him bent sidewise with the weight of a leather briefcase as big as a knapsack, stuffed with papers, twigs, small boxes and bottles, and probably several cakes of chocolate for his friends. We shall remember his simplicity, his kindness and gentleness, his literal shrinking from anything harsh or violent in word or deed; his personal abstemiousness, and his reckless investments in marshmallows for everybody else; his generousities to his beloved institutions, and to many a youth who he thought had the gifts for a career in science with a little help. These latter benefactions were generally known to few. We shall remember the modesty that made him uncomfortable in the limelight, and yet the quiet assurance with which he spoke on the subjects of which he was master. Above all, we shall remember how he loved Nature, truly, deeply and passionately. He did not love her blindly. "Nature is cruel!" he cried out more than once. "The wild things prey on each other. They live in constant fear, and generally die violent deaths, killed by each other or by man, or by cold or starvation." He was saddened by this, but it did not shake his devotion. Perhaps if we do remember him by one thing more than another, it will be by this love of Nature, which was the mainspring of his life. Yet it was the sum of his qualities, rather than any one of them, which so endeared him to all of us.

This was "one Davis."

There was only one.

WILLIAM T. DAVIS AND THE YOUNGER GENERATION

JAMES P. CHAPIN.

Curiosity, according to Webster, is a disposition to inquire into anything, and it often implies meddlesomeness. Children are, or by every right ought to be, curious. But we grown-ups are all too apt to forget how we once looked about with curious eyes, excited about a host of things we now no longer deem important. The reactions of our elders to our childhood interests were matters of great concern. Sometimes they thought them exaggerated, often they did not know the answers themselves, and perhaps felt it would be undignified to admit it. Surely, as school children, we rated our teachers according to their patience with our curiosity about things that were mostly outside the curriculum.

The ideal friend for a boy or girl who is curious about plants and animals would be a person some years older who knew many of the answers and who had the interest and the patience to want to help in looking for the others, too. Many of us had the great good fortune to find such a friend in William T. Davis.

My turn came when I was a high school student of fourteen. The exact circumstances of our meeting I forget, but Mr. Davis always recalled that I was wriggling through a hole in the fence on "School Hill" just as he and Alanson Skinner, my boyhood companion, came along. Alanson, who was a tireless searcher for relics of the Indians, had often told me of Mr. Davis, called "Bug Davis" by Alanson's father.

Now that my meeting with this natural philosopher had been achieved, I was quickly admitted to the charmed circle by virtue of my uncontrollable desire to study birds. With Alanson I attended the meetings of the Natural Science Association, organized largely by Mr. Davis. The greatest treat of all, however, was the opportunity to visit, whenever we cared to, Mr. Davis's attic treasure trove at 146 Stuyvesant Place. It was certainly "full of a number of things," including boxes of insects, dried plants, an aquarium with an elderly Muhlenberg turtle, and many, many books on different branches of natural history.

There we were welcome to ask any questions that came into our heads, were permitted to look through the microscope, or to plan an

excursion for a coming holiday or Sunday afternoon. Soon we had another boon companion, Howard Cleaves, our schoolmate, too, with a fondness for birds that soon led him toward photography.

This was just before the founding of the Boy Scouts, or at least before the movement had reached Staten Island. We were Davis's own little troop, and he was our devoted leader. How much I owed to him for encouragement in following my own bent, how he showed me the way to look about me, how much he did to make it possible to find a suitable job, all this and more he was glad to do. He was truly my foster father in natural history, and to how many other young people did he give gladly the same warm helping hand!

I do not know that we were his first little band of followers, but I am well aware that from then on he had many more, among them Francis Harper, Harold Decker, Ned Burns, Joseph Burke, Carlton Beil, Hans Stecher, Peter Crowe, all these and many more were similarly encouraged.

The Natural Science Association had been a society where every member was invited to talk and to ask questions. When it expanded into the Staten Island Institute its meetings became more formal; the announced program was apt to be a lecture that left little room for random discussion by the younger members. Mr. Davis felt that there should be other meetings with more opportunities for younger students and amateurs. He took an active part in the Bird Club, the Microscopical Society and the Nature Club.

When the upper story was added to the Staten Island Museum he moved into its garret, bringing many of the things that had interested us and adding insects and plants to his collections. This now became the place where he met his friends, young, middle-aged and elderly. For the very young he always kept a package of marshmallows or some candy bars, but for the most part it was Davis's warm personality just as much as his desire to spread information that lured young and old to the Museum attic.

If questions were not forthcoming, Uncle Billy, as we now called him, would bring out some specimen, book or paper that had lately attracted his attention. It might be something of no rarity, but he could

always discuss it from a fresh angle. Except for his beloved cicadas, he played few favorites among the various branches of natural history. The first flowering of the coltsfoot was a great event in his year. The use of Staten Island's serpentine as a building stone gave him pleasure. He was particularly fond of the hybrid oak in Clove Lake Park that he had planted in his youth. He was not ashamed that had introduced a water plant into Clove Lake that used to give the Richmond Ice Company a lot of trouble.

He wanted to know where his visitor's tastes lay, and then the conversation would turn in that direction. If it was local history Davis was a mine of information. He had copied the inscriptions from thousands of old tombstones lest they be lost through weathering. He had ridden on the old steamboats that took businessmen to the city before the ferryboats landed at St. George. Indeed, he had seen bobolinks trapped in the field where now stands the railway terminal. He knew all the old tales about Staten Island, and never failed to point out which were true and to discredit the false. It is easy to see what all this meant to the young seekers of information.

Enthusiasm for walking is apt to wane with advancing years, but with Uncle Billy it did not. Who was more faithful to the bird walks, and if few birds were about, who answered more questions on every other subject?

I recall with special gratitude the week-end excursions with Mr. Davis, when I was a boy, to Lakehurst and other places in New Jersey. Thus we spent many happy hours, learning about the pine barren flora, hunting Anderson tree-frogs, watching birds, and meeting people. There was a special lesson we learned from Davis: how to quiet the suspicions of people on whose land we might trespass, how to talk to them about things they wanted to hear, until, as a rule, we were not only forgiven, but asked to come again.

Uncle Billy never worried about the hereafter. He felt sure that if one made the best use of the present, eternity would take care of itself. I, too, am confident that if St. Peter at the Pearly Gates had any doubts as to Davis's right to enter he would quickly be engaged in such an interesting conversation that he could not fail to ask him right in.

WILLIAM T. DAVIS

Summer will come again, and the birds' singing—
 But there will be a sadness in their song;
 Awakened echoes of old memories ringing
 All the day long.
 Come, sing again; though never will you find him
 Along the paths he trod from year to year,
 Those days and talks afield forever bind him
 To all things here.
 And now amid the friends he loved and cherished
 The aching loneliness seems deeper yet —
 Nor, with the well-loved voice and presence perished,
 Can we forget.
 He found in Nature's ways the peace he sought for —
 The truth he made his own to have and hold,
 Companionship the world could not have bought for
 A miser's gold.
 Could he possess but one cicada treasure
 Or bend in joy above some new-found flowers,
 I know his happiness we could not measure
 By earthly hours.
 So ever, yonder, may his foot-steps lead him
 Through fresher, greener fields upon his quest,
 As he would wish (and we who sorely need him) —
 Give him their best.

CHARLES COLEMAN STODDARD.

*Read at the meeting of the Staten Island Historical Society, Richmond, S. I.,
 February 22, 1945.*

WILLIAM T. DAVIS — NATURAL PHILOSOPHER

ROBERT W. CUMBERLAND.

Among the men of later time there have been some whose spirits have seemed akin to those vanished spirits of the ancient world, the *numina*. They haunted the same places. Like the invisible little gods they came and went silently, noting, observing, becoming one with the environment, content with the simple offerings that the land produced, yielding sometimes to sly humor, listening with still delight for quiet harmonies too slight for the hearing of other men. Some of them were poets, some scientists, some were both: Gilbert White, William Wordsworth, Henry Thoreau, John Burroughs, Richard Jeffries, George Washington Carver were among them.

It was to this select companionship that William T. Davis was born in 1862. He did not share all their capacities, but to the clear eye and accurate ear of the naturalist he often added the felicity of expression which he shared with the man of letters. His verse has no high merit; but his best prose — that in which he put most of himself — has both charm and distinction.

Much that belonged to a Staten Island now vanished was distilled in *Days Afield*, which appeared first in 1892 and, in a second edition, in 1937. Here you may wander in Clove Valley in spring or spend a summer evening in a tree above the pond meadow listening to the bitterns and the whip-poor-wills. You may gather wild beans on South Beach in September, or ramble along the Turnpike at any season of the year. There is no conscious leading, no carefully planned tour — rather the wise discursiveness of the naturalist afield who takes you with him and here and there bestows the magic of his sight upon you. The half-whimsical comments which he throws in add to the human warmth of the telling.

A good part of Mr. Davis's literary work was done in cooperation with others. Sometimes he was concerned with *Staten Island Names* or with *The Gravestone Inscriptions of Staten Island*, sometimes with *Legends, Stories and Folklore of Old Staten Island*, sometimes with the *Conference or Billopp House*, or with the *Church of St. Andrew*, some-

times with history and biography generally, as in the five-volume history of Staten Island in which he and his lifetime friend, Charles W. Leng, collaborated. And sometimes, when you least expect it, you may find the flavor of his phrases, like pressed flowers, in an entomological paper or in the *Proceedings of the Natural Science Association of Staten Island*.

The historical work represents a wide variety of interest and scholarly endeavor, yet its literary merit is less than that of the book in which the naturalist-philosopher invites you to walk abroad with him. He did not miss the earnestness of nature, but his was a philosopher's acceptance. If he was sometimes depressed by the grimness of 'tooth and claw,' he was not obsessed by it; he could be cheered by the first butterfly, or colts-foot in March; a new cicada, or anything living that interested him, was ever a joy as well as an object for investigation.

By some on Staten Island William T. Davis will be remembered as a precise and distinguished scientist, a sensitive man of letters; but these, and many more, will think of him most fondly as the *genius loci*: the man who could distinguish two plants that looked alike, or tell which wasps built of mud, and when spring birds might be expected; the man who knew who built the old houses, or what was written on crumbling gravestones, and what the forgotten names of places were. He loved the Island with the deep and understanding love of one who had known its roads and lanes and bypaths for more than seventy years. In a changing world he had learned the discipline of knowledge; but the child was father to the man, and he had also developed much of that elusive earth-born wisdom which was the attribute of the little gods, and is the birth-right of those who hold the secret of Antaeus.

A LOCAL NATURALIST

LEE A. ELLISON.

Uncle Billy Davis was a living encyclopedia of nature lore, and an interpreter of Nature's mysteries. Whoever came to him with questions or specimens received from him far more than the facts they sought. The facts were correct, gained from painstaking study and close observation over the span of a lifetime. The talk that went with the facts was filled with a warmth of humanness that made biological data seem living realities of everyday life.

Leaving to others the appreciation of his monumental work in entomology, this article seeks to relate a little of what he achieved in other Nature fields. How varied were his interests! He has left valuable contributions to our store of Nature knowledge in his studies of plants, trees, birds, amphibia, fossil organisms, crustacea, mammals and invertebrates, not forgetting agriculture and weather. He was a skillful photographer of nature objects, and these also constitute a valuable record.

In his observation of flowering plants, done mostly between 1886 and 1904, before he began the study of cicadas which later became his life work, we may credit him with reporting first occurrences on Staten Island of 36 species, including many beautiful wild flowers no longer to be found here, such as fringed gentian, hudsonia, arethusa and fringed orchis.

His observations and measurements recorded many unusual trees and added 12 records of "first occurrence." One very scarce species, hop hornbeam, reported by him in 1896, may be found to this date in the locality in which he first found it. Outstanding in his work on trees is his discovery of the hybrid oaks: Bartram's oak (*Quercus heterophylla*); *Quercus brittoni* and *Quercus digitata* var. *phellos*. He studied closely the beginnings of the chestnut blight that is continuing even now to bring our native chestnuts to the verge of extinction. His records of the occurrence of river birch remind us of another vanished tree.

His knowledge of paleontology was responsible for adding to New York State records a new fossil crustacean, *Limulus kleinfelderi*. His

were the first records of the tunicate, *Molgula*, in local waters; of the bryozoon, *Alcyonidium mytili*; of the polyzoon, *Pectinella magnifica*. We may say he discovered, as far as Staten Island is concerned, the Four-toed salamander in 1904 and the Swamp Tree-frog in 1910. He did extensive work in the fields of crustacea and amphibia by making collections of Staten Island crabs, frogs and toads.

His record of the first observed nesting of many birds are of such value that the species are here listed: Forked-tailed flycatcher, Carolina wren, Wilson thrush, Blue-winged warbler, Yellow-throated vireo, Hairy woodpecker, White-breasted nut-hatch, Black-billed cuckoo.

All this is but a tiny fragment of the great fund of Nature knowledge he had gained during a period that to most of us would have been discouraging:—the transition of Staten Island from a rural county to a populous borough as realty developments, industry, carelessness, lumbering, fires and hunting encroached and continue to encroach today upon our diminishing flora and fauna.

Uncle Billy once told me of a fine red cedar grove near Richmond Valley where, on warm late spring days, he loved to sit and watch the moth, *Syneda*, flitting among the hudsonia flowers. Then he added: "Now the cedar grove is gone, the hudsonia is gone, the moth is gone and soon I will be gone."

Gone? I wonder. Does not his voice still speak to us in the song of birds? Does not his spirit of "know and enjoy" shine forth in budding tree and opening flower? He left to us a rich heritage and a great challenge — a challenge to carry on his unfinished work.

A LOCAL HISTORIAN

LORING McMILLEN.

Mr. Davis and I first met during the autumn of 1929 on the Shore road near Mariners Harbor. I was taking some pictures of the old buildings which here line the shore, when a kindly, elderly man, hands also clasping a camera, a black fedora set high above two twinkling eyes, approached me and in a manner which I was later to understand only Mr. Davis had, inquired as to what I was doing.

My answer and the conversation which followed led to Mr. Davis's inviting me to visit the Staten Island Institute and the Historical Society, an invitation which I quickly accepted. There followed an acquaintance with both Mr. Davis and Mr. Charles Leng which will always leave its influence on my life and on my outlook on local History.

Mr. Davis was a Local Historian. Hours spent with him rambling through the fields and over the byways of our Island, seeking out the relics left by the inhabitants of yesterday, brought this fact home to me.

The simple brown gravestone, in some lonely homestead graveyard, the ancient fieldstone farmhouse and the lane that led to it, as well as the people who once dwelt, died and were buried close by, meant more to Mr. Davis than the great events that stirred nations of men or shaped their destinies. In some way these lesser, homely things were part of his great love for nature. He would not photograph a man made monument unless the trees and shrubs formed a prominent part of the picture and as often he identified a former landmark by these features as by some characteristics of the landmark itself.

Mr. Davis's contributions to the history of Staten Island were many. The earliest of these, when Mr. Davis was 25 years of age, appears to be an article entitled, "Old British Forts on Staten Island" which was printed in the September 1888 issue of *The Staten Island Magazine*. This article gave a description, in Mr. Davis exact way, of the interesting remains of the American Revolution.

The next contribution was among his most important, "Homestead Graves," published in the *Proceedings of the Natural Science Association*

of *Staten Island*, December 1889. This work required considerable time to compile, as herein Mr. Davis recorded with brief descriptions of each, the inscription of several hundred gravestones, all that he could find remaining in the private homestead graves. So well was this work done that when many years later I accompanied Mr. Davis in search of the same gravestones, most of which were found to be gone, he remarked that none had been discovered since his account had been published.

In 1896 and again in 1903 there appeared in the *Proceedings* two articles on "Staten Island Names, Ye Olde Names and Nicknames." These articles have proven of great value to title searchers and local historians.

Between 1903 and 1922 Mr. Davis was mostly occupied with his chief love, nature, and his main contribution during this time to local history was the monumental work of copying over 4000 inscriptions from the gravestones in the older Island cemeteries, a work done in conjunction with Charles W. Leng and Royden Woodward Vosburgh. These, together with the vital statistics from many local church records were typewritten and bound in six volumes, six copies of each, of which the Institute has one set.

However, in 1925 Mr. Davis published *The Church of St. Andrew*, written together with Mr. Leng and Mr. Vosburgh, and in the same year with Charles Gilbert Hine, *Legends, Stories and Folklore of Old Staten Island. Part I, The North Shore*. In 1926 he published his *Conference or Billopp House, Staten Island*, written by himself. These books are splendid additions to the knowledge of the history of our Island and were published under the auspices of the Staten Island Historical Society. In them Mr. Davis displayed a keen historical sense in ferreting out hidden facts and differentiating these from legends or folklore. Such in fact was his part in compiling the monumental history of *Staten Island and Its People*, published in 1928. Mr. Davis had the task of searching everywhere for the historical data and Mr. Leng, his co-author, the task of assembling this data. Mr. Davis's last contributions appeared in the pages of the *Staten Island Historian* between 1938 and 1943, and like all his others were filled with interesting and accurate historical knowledge.

No account of Mr. Davis contributions to the history of Staten Island would be complete without mentioning his part in reorganizing the Staten Island Historical Society, in 1922, becoming its second president and finally President Emeritus. In 1928 he paid off the mortgage on the Society's headquarters, the old Stillwell-Perine House, set up a trust fund for the Society and crowned this work in 1933 by giving his active management and assistance in acquiring the old county clerks and surrogates office in Richmond as an Historical Museum.

In the death of Mr. Davis, we have lost a great friend, teacher and historian, whose contributions will no longer fill our pages. But his greatest gift is the love of both nature and history he has awakened in those of us to whom is given the task of carrying on.

AN APPRECIATION

A sweet, gentle, and generous soul has gone to his rest. A humble seeker after truth, a woodland philosopher, the historian of the natural, a modest scientist who found the whole world fair and in unaffected poetry and prose, paid his tribute. He wrote "the glorious sun in setting in the far and distant west" and we are sure that as the golden evening brightened there came to him the sweet calm and peace of paradise. His was the God who made His dwelling place fair with flowers and lighted it with the myriad lamps of heaven, who set His altars on mountains and in woodland valleys. Our friend found rest and joy in grasses, in the songs of insects and of birds. His were the treasures of the humble heart; the light of the skies, the murmur of brooks, the peace of the hills, the smell of flowers and the friendship of kindred spirits. His was the abiding treasure of peace of soul and naturalness of mind sometimes touched with quaint humour, as when he said "the best preaching of a church is often done by its bell!" We shall not see his like again. May he rest in peace in the green pastures and beside the still waters and may light perpetual shine upon him in a world that is fairer than this.

REV. FRANCIS R. GODOLPHIN.

Read at the services for Mr. Davis, January 25, 1945.

RESOLUTION PASSED AT THE MEETING OF THE STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

February 17, 1945

This is our first meeting since the death of our founding member and great benefactor, William T. Davis. The loss which we feel personally and as an organization cannot be expressed in a few words. This Institute, our Museum, and its collections are a reflection of his personality and a monument to his life work. To pay full tribute to his memory would be impossible at a meeting of this sort. In the future, both by spoken word and in our publications, we should attempt to evaluate Mr. Davis's work more completely and try to honor his memory more adequately. It seems proper at this time, however, to give some expression of our feelings in a short statement. I, therefore, on behalf of a Committee of Trustees, offer the following resolution:

WHEREAS we, the members of the Staten Island Institute of Arts and Sciences, deeply mourn the passing of our President-Emeritus, William Thompson Davis, on January 22, 1945, and

WHEREAS Mr. Davis was a devoted friend of the Institute, a generous patron, its First Vice-President from 1904 to 1930, its President from 1930 to 1935 and its President Emeritus from 1935 to the time of his death, and

WHEREAS we recognize therein the great loss to the Institute, to the cultural and civic life of Staten Island, and to the scientific world in general, therefore

BE IT RESOLVED that this evidence of our love and affection be entered upon the minutes of the Staten Island Institute of Arts and Sciences as a tribute to his memory.

FRANK A. STRAUSS.

A DAY AHILD ON STATEN ISLAND

by WILLIAM T. DAVIS

The glorious sun is setting
In the far and distant west,
And the clouds all golden laden
Seem sinking down to rest.

The day was one of glory and
The sun did brightly shine,
No heart in all the wild-wood
Has been so glad as mine.

I went where fancy led me,
For fancy is broad and wild;
I stayed where beauty kept me,
For beauty is soft and mild.

But the glorious sun is setting
And the day is no longer mine;
Could I but turn the hour-glass
And hold the sands of time.



MUSEUM BULLETIN

VOLUME XXVII, No. 4 -- AUGUST, 1945

ANNUAL REPORTS



"Sunset at Pompton Lakes, New Jersey"

by George Inness

From the collection of Dr. Andrew Eagon on exhibition during the
summer, 1945. Lent by the Staten Island Historical Society.

OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

July 1, 1945

Officers

President.....	Dr. James P. Chapin
First Vice-President.....	Dr. Frank A. Strauss
Second Vice-President.....	Edna L. Hoffmeyer
Treasurer	Robert M. Leng
Secretary	Roswell S. Coles

Board of Trustees

TERMS EXPIRE 1946	TERMS EXPIRE 1947	TERMS EXPIRE 1948
Joseph F. Burke	Andrew M. Anderson	Dr. James P. Chapin
Cornelius A. Hall	Viola M. Carew	Howard H. Cleaves
Edna L. Hoffmeyer	Edward G. Baker	Isaiah C. G. Cooper
Lee A. Ellison	Mildred S. Grimes	Robert M. Leng
T. Livingstone Kennedy	Herman W. Ordeman	Loretta S. Dreyer
Cornelius G. Kolff	Edward M. Stothers	Loring McMillen
Dr. Frank A. Strauss	Daniel L. Bridgman	William M. Halloran

Ex-officio Members

The Mayor of the City of New York Hon. Fiorello H. LaGuardia
The Commissioner of Parks Hon. Robert Moses
The President of the Borough of Richmond Hon. Joseph A. Palma
The Assistant Superintendent of Schools in the Borough of Richmond Dr. I. Victor Burger

Staff

Director.....	Roswell S. Coles
Administrative Assistant.....	Carla E. Nesslinger
Curator.....	Elizabeth R. Parke
Assistant Curator.....	Harriet F. Vogt
Museum Assistant.....	Jean Leason
Curator of Davis Collections.....	John Koestner
Research Associate, Genealogy.....	Frank P. Bascom
Music Director.....	Ernest L. Jansen
Assistant Music Director.....	Marjorie Sunderman
Accompanist.....	George Martin
Guard.....	Charles C. Stoddard
Janitor.....	Solomon Van Blerkon
Watchman.....	Harrison Johnson
Custodian of the Britton Cottage.....	Capt. John Wilson

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES



"Winter, Clove Lakes" by Robert M. Leng

Awarded First Prize in the Island-wide photographic contest sponsored
by the Staten Island Camera Club and the Institute, 1944.

ANNUAL REPORTS

1944—1945

The Staten Island Institute of Arts and Sciences was organized in 1881 as the Natural Science Association of Staten Island. In 1905 it was incorporated as the Staten Island Association of Arts and Sciences and in 1918 assumed its present form. The Institute is maintained "to encourage an interest in the sciences, arts and history; to collect and preserve objects of scientific and historic interest, especially such as relate to Staten Island; to establish and maintain a public museum and reference library; to provide facilities for recording and publishing scientific and historic information; to preserve from needless destruction such plants and animals as are harmless and to protect objects and places of natural beauty and of historic interest." The following reports will show in some detail the operation and activities of the Institute in its sixty-fourth year.

JAMES P. CHAPIN
President.

REPORT OF THE SECRETARY

Board of Trustees The Board of Trustees held four regular and four special meetings during the year. Officers elected May 26, 1945 are: Dr. James P. Chapin, President; Dr. Frank A. Strauss, First Vice-President; Mrs. A. W. Hoffmeyer, Second Vice-President; Robert M. Leng, Treasurer; Roswell S. Coles, Secretary. The Board of Trustees functioned largely through the following committees and chairmen: Executive, Dr. Chapin; Planning, Dr. Strauss; Finance, Dr. Strauss; Publications, Mr. Coles; Britton Cottage, Mr. McMillen; Education, Mr. Halloran; Membership, Mrs. Dreyer.

Trustees are elected to serve a term of three years. Those elected in May, 1945 to serve to 1948 are: Dr. Chapin, Howard H. Cleaves, I. C. G. Cooper, Robert M. Leng, Loretta S. Dreyer, Loring McMillen and William M. Halloran.

The death of William T. Davis on January 22, 1945 deprived the Institute of its sole surviving founder, guiding spirit and most generous contributor. Mr. Davis's residual estate has been set up by him as a Natural Science Fund, the income from which will provide the Institute with a greatly expanded nature program during the coming years. On January 31, 1945 Hon. Edward G. Baker was elected to fill the unexpired term of Mr. Davis.

Volume XXVII, No. 3 of the *Museum Bulletin* has been issued as a memorial to Mr. Davis. A full length biography is in preparation under the capable direction of Mabel Abbott.

George W. Tuttle, a Trustee of the Institute since 1919, died suddenly in Acton, Mass., on May 1, 1945. Mr. Tuttle was a most loyal member of the Board and he will be missed greatly. On May 26, 1945, Daniel L. Bridgman was elected to fill the unexpired term of Mr. Tuttle.

On October 16, 1944 the President of the Woman's Auxiliary, Mrs. Loretta S. Dreyer, was elected to fill the unexpired term of W. Irving Lewis, who resigned as of that date.

Membership On May 1, 1945 the Institute consisted of 1 honorary member, 8 patrons, 34 life members, 327 annual members, 314 members of the Woman's Auxiliary and approximately 300 additional associate members. Associate members are members of regularly established affiliated groups as defined by the Institute By-laws. The only change in the group composition of the Institute has been the discontinuing of the Aeolian Singers as an active part of the Music Section.

In addition to the two Trustees as noted above the Institute has lost five staunch supporters during the year. Volume 10, Pts. 1-2 of the *Proceedings* records the sad loss of Lt. Peter Crowe, killed in action over England on May 25, 1944. Peter was "one of the young men" who had been started along the road of natural history by Mr. Davis and the Museum and we have lost a promising naturalist in his heroic death.

The death of Otto C. Wigand on June 17, 1944 has also been noted in the *Proceedings*.

Staten Island lost two vigorous exponents of conservation and nature in the passing of Mrs. Juliet Trench on February 25, 1945, and her sister, Katherine Seaman one month later. Their nature observations and hospitality were greatly enjoyed.

Leon E. Daniels, teacher and author, died at his home in New Dorp, March 15, 1945. Mr. Daniels was Past President, Secretary and Historian of the Belles Lettres Society.

MUSEUM BULLETIN of the Staten Island Institute of Arts and Sciences. Vol. XXVII, No. 4, August, 1945. Published quarterly by the Staten Island Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island 1, N. Y. and entered as second class matter at Staten Island, N. Y. under Act of August 24, 1912. Roswell S. Coles, Editor.

INSTITUTE MEETINGS

Regular meetings of the Institute were held monthly from October to May and, with one exception, were presented to the public without charge as a contribution to the cultural life of Staten Island.

October 15, 1944: Reception and tea sponsored by the Woman's Auxiliary. The second part of the Museum's moving picture, "The Junior Museum Explores Staten Island," was shown.

November 10, 1944: Sixty-third anniversary dinner, held at the Meurot Club. Bert Harwell of the National Audubon Society presented "Music Out-of-Doors," including colored motion pictures and bird imitations.

December 16, 1944: "Music Appropriate to Christmas" presented in the Auditorium of the Staten Island Day School by members of the Music Section. Selections were given by the Treble Choral Ensemble, directed by Marjorie Sunderman; flute and piano solos and duets by George and Nina Martin; soprano solos by Mrs. John Sanders, accompanied by Mrs. James Haydock.

January 20, 1945: Paul L. Rittenhouse, President of the New York Microscopical Society, presented colored motion pictures and Kodachrome slides, "Canoeing and Camping in the Canadian Wilds."

February 17, 1945: Capt. Bob Bartlett returned to the Island with his colored moving pictures and inimitable wit in "The Arctic in Color," held in the Staten Island Day School. At this meeting resolutions on the death of William T. Davis were unanimously adopted.

March 18, 1945: A Sunday afternoon program sponsored by the Woman's Auxiliary. Otto Degener, a member of the staff of the New York Botanical Garden, showed "Plant Life and Customs in Hawaii," illustrated by colored slides and motion pictures. Music was provided by Mrs. William E. Gerke, Jr., accompanied by Mrs. James Haydock. At this meeting several amendments to the Institute Constitution and By-laws were unanimously adopted.

April 21, 1945: Dr. Frank A. Strauss, President of the Staten Island Microscopical Society, opened the "Fifteenth Annual Exhibition of Microscopic Objects" by the Society. Forty-five individuals and six Island educational institutions took part. A feature of the evening was the celebration of the 90th birthday of Captain Thomas I. Miller, which occurred on March 21.

May 19, 1945: The Sixty-fourth Annual Meeting of the Institute was held in the Staten Island Day School. Election of Trustees was held and annual reports presented. The program was given by Dr. Frederick H. Pough, Curator of the Department of Geology and Mineralogy of the American Museum of Natural History, consisting of a lecture and colored moving pictures of the new Mexican Volcano, Paricutin, "Volcano in Action." A resolution expressing the appreciation of the Institute for the eighteen years service by Carlton Beil was unanimously adopted.

Attendance There has been a marked increase in activities and attendance during the past season. The total attendance of 52,609 is the highest in Institute history, a gain of 20% over the past year. This increase is due in part to the use of larger halls for meetings, particularly the auditorium of the Staten Island Day School, and to an increase in the number of adult and children's programs carried on. Three hundred and eleven children's classes and group activities were held and there were 316 adult programs. During the year an adult life class and a discussion group have been added to the art schedule and a separate nature study group has been set up by the Bird and Nature Club to deal more intensively with the results of increased field activities.

City of New York During the past year the City of New York has increased its support of the Museum program from \$12,620.00 to \$14,435.00, largely through cost of living increases. This budget includes salaries and certain expenses. Plans for two new wings, included in the Post-war Plans of the City of New York, are still being considered. Thanks are due to Mayor F. H. LaGuardia and Commissioner of Parks Robert Moses for their increasing support of the Institute.

ROSWELL S. COLES.

REPORT OF THE TREASURER

STATEMENT OF FUND BALANCES *

FOR THE FISCAL YEAR ENDED APRIL 30, 1945

	May 1, 1944			April 30, 1945
	Balances	Increases	Decreases	Balances
Nathaniel L. Britton legacy:				
Principal	\$23,712.33	—	—	\$23,712.33
Income	759.72	\$ 628.82	\$ 698.03	690.51
William T. Davis fund:				
Principal	6,504.26	75.00	—	6,579.26
Income	446.74	211.44	123.82	534.36
John J. Crooke fund:				
Principal	2,000.00	—	—	2,000.00
Income	131.03	90.69	134.83	86.89
D. M. Van Name fund:				
Principal	100.00	—	—	100.00
Income	83.83	7.20	—	91.03
Building fund	1,000.00	—	—	1,000.00
Endowment and general funds:				
Principal	3,200.00	—	—	3,200.00
Income	941.09	2,234.92	2,116.40	1,059.61
Projector fund	198.58	382.65	106.00	475.23
	<u>\$39,077.58</u>	<u>\$3,630.72</u>	<u>\$3,179.08</u>	<u>\$39,529.22</u>

* Certain activities of the Institute are conducted through affiliated societies or other associate groups maintaining their own funds for their own specific activities. The total annual income of these groups, approximately \$2,500.00, is not included in this report, nor is the permanent art fund of \$380.35.

ANALYSIS OF CHANGES IN FUNDS

Increases:

Interest on securities.....	\$ 959.41
Interest on savings bank balances.....	90.09
Dues — active members.....	954.00
Dues — affiliated societies.....	197.50
Contributions by Woman's Auxiliary.....	350.00
Contributions by William T. Davis.....	75.00
Other contributions	123.12
Income from William T. Davis annuities.....	283.35
Profit on Bartlett lecture.....	107.19
Profit on "The Passion".....	422.54
Sale of museum stamps.....	45.52
Sale of publications.....	23.00
Total increases	<u>\$3,630.72</u>

Decreases:

Bulletins and other publications.....	\$ 618.03
Director's salary	360.00
Purchase of books, etc.....	134.83
City Bank commission, etc.....	23.82
Britton Cottage expenses	165.44
Purchase of screen.....	106.00
Net expense of Anniversary dinner.....	39.88
Insurance	84.72
Loss on redemption of mortgage.....	83.05
Tax on Davis property.....	449.50
Other expenses of Davis property.....	52.40
Sundry museum expenses.....	1,061.41
Total decreases	<u>\$3,179.08</u>

SUMMARY OF ASSETS

Securities:

In safe deposit box at Corn Exchange Bank Trust Co.:

U. S. Treasury, 27/8%, due 1960.....	\$ 3,000.00
U. S. Treasury, 21/2%, Series G, due 1953.....	10,000.00
U. S. Treasury, 21/2%, Series G, due 1954.....	3,000.00
U. S. Treasury, 21/2%, Series G, due 1955.....	7,300.00
City of New York, 41/2%, due 1957.....	2,000.00
New York Edison Co., 31/4%, due 1965.....	3,000.00
Prudence Bonds Corp., 51/2%, due 1945.....	76.00
Prudence Bonds Corp., V. T. C., 2/10 shs.....	—

On subscription, not yet received:

U. S. Treasury, 21/2%, Series G, due 1957.....	3,900.00
--	----------

Held by City Bank Farmers Trust Co.:

U. S. Treasury, 21/2%, due 1969-64.....	1,000.00
Participation B/M, 501-5 Madison Ave., 43/4%.....	1,940.00

Total securities \$35,216.00

Cash:

Corn Exchange Bank Trust Co.	\$2,414.60
Richmond County Savings Bank.....	664.96
City Bank Farmers Trust Co.....	183.66
Petty cash fund at museum.....	50.00

Total cash 3,313.22

Equity in museum property..... *1,000.00

Total assets \$39,529.22

* This represents the nominal value fixed by the Board of Trustees for the equity of the Institute in the museum building, exhibits and fixtures. The total cost of the building is believed to have been approximately \$70,000.00, all of which was contributed by Staten Island citizens.

ROBERT M. LENG,



"Church of St. Andrew, Richmond, S. I." by W. Louis Ellis.

From the Annual Exhibition of the Staten Island Camera Club, January, 1945.

THE WOMAN'S AUXILIARY

The Woman's Auxiliary has just completed its thirty-first year of cooperation with the Institute. During the past year it has been led by Mrs. John W. Dreyer, President, and the following officers: Mrs. George Post Vaughn, First Vice-President; Mrs. C. J. Rammling, Second Vice-President; Mrs. Sydney W. Blackett, Third Vice-President; Mrs. Arthur Foley, Treasurer; Mrs. Anselm Nascher, Corresponding Secretary; Mrs. Jacob Flatow, Recording Secretary.

The scope of eight monthly programs included Mrs. William H. Pouch's excellent travelogue films, Dr. L. Wendell Fifield's discussion on "Current Events," "This Amazing America," a sound travel film, and the following talks: Mary Gould Davis, "Children's Books;" Dora Hwi Kang, "Women of China;" the Countess Leonardo de Murabito (Helen Hale), "Old New York;" Elizabeth E. Case, "Old Houses and Legends." Dr. John Bacher and family portrayed "Christmas in France" and Mrs. Irma H. Erath of the St. George Library arranged an exhibit of Christmas books for us.

The musicians who contributed to the enjoyment of our programs are Mrs. Dorothy Bunting, Mrs. Edith Fabregas, Mrs. Maxine Kay, Mrs. Pauline Stillwell, Mrs. James Haydock, Mrs. William Gerke, Jr., Siri Garson, Mrs. T. M. Garson and Mrs. Loa Matthews Johnson.

The Auxiliary assisted with the Institute Tea on October 15, 1944, and sponsored a Sunday Afternoon Meeting on March 18, 1945 when Otto Degener of the New York Botanical Gardens spoke and illustrated his lecture with motion pictures. His subject was "Hawaiian Plants and Customs."

The President's Reception and Tea opened with a colored motion picture, "Eighteenth Century Life in Williamsburg." Mrs. Marion MacIntyre, in a contemporary costume sang appropriate songs.

The Annual Dessert Bridge was held May 10, 1945, under the chairmanship of Mrs. C. J. Rammling and Mrs. William S. Errington. This year the Auxiliary presented the Institute with a check for \$450.00. We also assisted with the Junior Museum, contributing a check for \$10.00. A donation was made to the Red Cross, as were contributions of cookies and books for the service men.

The names of fifty-four members were added to our list during the past year, bringing the total membership to 314. An Antique Exhibit which has proved to be of great interest was sponsored by the Auxiliary with Mrs. George E. Brown, chairman.

At the annual meeting in May, 1945, the following officers were elected: Mrs. Jacob Flatow, President; Mrs. George Post Vaughn, First Vice-President; Mrs. Fred Fendel, Second Vice-President; Mrs. Louis H. Kohler, Third Vice-President; Mrs. William Errington, Recording Secretary; Mrs. James H. Lytle, Corresponding Secretary; Mrs. Arthur Foley, Treasurer.

ALTHEA FLATOW.

THE INSTITUTE COUNCIL

The eighth and ninth regular meetings of the Institute Council were held in the Museum on March 1 and May 9, 1945. Officers for the year were: Mrs. Gertrude Cook, President; Dr. Frank A. Strauss, Vice-President; Mrs. Elizabeth R. Parke, Secretary.

The purposes of the Council have been outlined in a memorandum submitted by I. C. G. Cooper and unanimously approved on May 9, "to broaden the interests of the affiliated societies, to consider and make recommendations for joint activities between the societies and the Institute, to consider and make re-

commendations to the Board of Trustees regarding proposals for the betterment of the Institute."

At the eighth meeting it was agreed to prepare a biography of William T. Davis. This work will be in the hands of Miss Abbott and will be as complete as possible, including Mr. Davis's scientific accomplishments as well as reminiscences collected from his friends. It was also stated that the Museum should reflect the activities of affiliated societies and that this can be done best through special exhibits.

In 1945-1946 the number of *Museum Bulletins* will be increased from four to eight. They will include the monthly calendar and will permit greater emphasis on programs of special interest.

Officers elected May 9, 1945 to serve to May 1946 are: Josephine Dockray, President; Mark Kerr, Vice-President; Mrs. Elizabeth R. Parke, Secretary.

ELIZABETH R. PARKE.

REPORT OF THE DIRECTOR

Museum Three additional small dioramas and an illustrated map of Staten Island have been completed during the year by Jean Leason and Carlton Beil. Exhibitions from the collections have included the development of marine forms from the Paleozoic to the present, the development of coal and oil and the life history of the Seventeen-Year Cicada, *Magicicada septendecim*, arranged by John Koestner. Special exhibitions have included Antiques, sponsored by the Woman's Auxiliary, sketches by the C.D.V.O. art class, sketches by the Junior Museum art class, three photographic exhibits, in addition to the annual show sponsored by the Camera Club, a model of the new Great Kills Park, a Hand-craft Exhibit from the Department of Parks and an art exhibit by students of New Dorp High School. Several exhibits were provided by the Philatelic Society and the Junior Museum stamp club. Nine exhibitions of paintings and other works of art were arranged during the year by the Section of Art as listed below.

Staff Several changes have occurred this year. Carlton Beil, who has been at the museum for eighteen years, resigned to live in Rochester where he is working in the Museum and attending the University. John Koestner resigned to become an instructor at Wagner college but will continue on part time service as Curator of the Davis Collections. Mrs. Parke became Curator and Charles C. Stoddard, Guard, on May 1, 1945. The position of Assistant Curator is temporarily filled by Mrs. Harriet F. Vogt. On June 11, 1945 Solomon Van Blerkon became Janitor. We are pleased to announce that we shall have the volunteer services of Frank P. Bascom as Research Associate in Genealogy.

Library The library has received a splendid addition by the bequest of Mr. Davis's important nature library. During the summer of 1945 these volumes are being marked, classified and incorporated into the Museum Library. Other additions have been made by purchase through the John J. Crooke fund and by exchange. Mr. Burke has continued in charge of the scientific periodicals.

Britton Cottage The Institute continued to maintain the Britton Cottage, originally built c. 1670, as a splendid example of Staten Island colonial architecture. The cottage attracted 750 visitors and has been under the supervision of Capt. and Mrs. John Wilson. Some structural repairs and redecoration have been made. Loring McMillen, Director of the Staten Island Historical Society, has been in charge of this work.

Publications Four numbers of Volume XXVII of the *Museum Bulletin* and Volume 10, Parts 1 & 2 of the *Proceedings of the Staten Island Institute of Arts and Sciences* have been issued during the year. The April, 1945 *Museum Bulletin* was issued as a special memorial number to Mr. Davis, containing articles by Harry B. Weiss, Mabel Abbott, Dr. James P. Chapin, Robert W. Cumberland, Lee A. Ellison, Loring McMillen and Rev. Francis Godolphin. Two poems were included, one by Charles C. Stoddard and "A Day Afield on Staten Island" by Mr. Davis, as were the Resolutions prepared by Dr. Frank A. Strauss for the Institute meeting of February 17, 1945. Jean Leason drew the cover sketch and the *Bulletin* was illustrated by a photograph by Howard H. Cleaves. The foreword was prepared by the Director.

Regular issues of the *Museum Bulletin* contained five special articles: "Some Interesting Trees" and "Trees and the Hurricane" by Edwin A. Rundlett; "1944 Breeding Bird Survey" and "Christmas Bird Count, 1944" by Howard H. Cleaves and "Shells" by Mathilde Weingartner.

Special articles in the *Proceedings* included: "Staten Island Bird Notes, 1944" by Howard H. Cleaves; "Industrial Aspects of Organisms found in the Kill van Kull at Livingston, S. I." by Lee A. Ellison; "Some Factors in the Rise and Decline in Painting" by Percy Leason; "Adeline Albright Wigand and Otto C. Wigand" by Emma L. R. White. "Staten Island Natural History Records" were prepared by Lee A. Ellison and the Director.

Junior Museum The Museum film, "The Junior Museum Explores Staten Island," was supplemented by a second reel as a result of field trips made in the summer of 1944, adding considerable local information of interest to Staten Island schools. The production of the film was aided by a donation of \$50.00 from the Junior Red Cross.



The Junior Museum explores Staten Island's only "gold mine," Housman's Cave. Clove Lakes Park. One of eight exploratory field trips held during the summer of 1945.

Regular group activities were held after school during the fall and winter season: Mondays, Marionettes; Tuesdays, Science Club; Wednesdays, Folk Dancing; Fridays, Movies; Saturdays, Art Class and Stamp Club.

Members of the Junior Museum presented a program for their families and friends on Saturday, November 18. The Art Class exhibited 45 watercolors, sketches, finger-paintings and oils. Three dances were shown by the Folk Dance groups, two demonstrations given by the Science Club, and a skit presented by the Museum Marionettes. The Stamp Club exhibited stamps of interest to young people.

The Art Class visited the Metropolitan Museum of Art on October 28.

On December 2 the Department of Parks of the City of New York presented two performances of its Magic Show and on December 16, two performances of a marionette show, "The Shoemaker and the Elves."

Activities in the winter and spring continued with the Marionette Group, two Folk Dance classes and the usual moving pictures, Art Class and Stamp Club. Mr. Beil's Science Club was discontinued during his absence.

Summer activities of 1945 are being held on weekday mornings from 10:30 to 12: Tuesdays, Art Class; Thursdays, Nature Study Group; Fridays, Folk Dancing; Wednesdays, Field Trips, leaving the Museum at 9:30 A. M.

During the year the Woman's Auxiliary contributed \$10.00 toward the expenses of the Art Class.

School Service Museum talks in school assemblies were continued by Mr. Beil during the fall and winter terms. Thirty-seven lectures were given to 5850 school children. The return of visiting school classes, following the lifting of travel restrictions by the Board of Education, began to demand increasing attention, especially during the spring term. Ninety-three school groups of 3235 children visited the Museum. The Museum sent fifty-two loans of books, slides, moving pictures and objects to Staten Island schools. Several schools received assistance in setting up Nature Rooms.

Donors

The following members and friends have generously donated objects for the Museum, books or money. We take this opportunity of expressing our appreciation for their co-operation and support.

Charles G. Ackerman
Aeolian Singers
Bart Bailey
Cecil Bell
Elliott Burgher
Joseph Burke
Children of P. S. 34
Mrs. James Chrystal
Mrs. Katherine J. Clarke
Charles S. Daley
William T. Davis
Ralph T. Deal
William S. Errington
Mrs. Beth Creevey Hamm
Junior Red Cross

Mrs. Walter C. Kerr
John Koestner
Adele T. Low
William Lucaa
Arthur Martens
Mrs. Thomas I. Miller
Mrs. Edna Moody
New York Historical
Society
North American Companies
Joseph J. Ott
Mrs. Edward C. Philip
Richmond County Chapter
New York State Society
of Professional Engineers

Lewis Ripley
Percy Sperr
Mrs. Fannie Sporn
Mrs. Alice Albright Stark
Staten Island Camera Club
Staten Island Garden Club
Dr. Frank A. Strauss
Mrs. Willard J. Tompkins
George W. Tuttle
Lt. Eva Ulrich
Woman's Auxiliary Staten
Island Institute of Arts
and Sciences

ROSWELL S. COLES.

FINE ARTS

The Section of Art of the Institute had a very active season. The officers were: Richard Kroth, President; Mrs. Eleanor Marshall, First Vice-President; Mrs. Ellinor Steinmeyer, Second Vice-President; Mrs. Elsa Knauth, Treasurer; Mrs. Elizabeth R. Parke, Secretary. Mr. Kroth resigned in November and Mrs. Marshall became acting President. Work of the Section of Art was carried on under the direction of an Executive Committee, consisting of officers and the Chairmen of Committees: Mrs. Henrietta Beaumont, Art Loan; Armen E. Darson, Traveling Shows; Daniel L. Bridgman, Program; Jean Leason, Education; Mrs. Elizabeth R. Parke, Reception. At the Annual Meeting on April 20, 1945 new officers chosen were: Percy Leason, President; Mrs. Muriel M. Cleaves, First Vice-President; Armen E. Darson, Second Vice-President; Daniel L. Bridgman, Treasurer; Jean Leason, Secretary. New Committee Chairmen are: Albert Barbelle, Art Loan; Armen E. Darson, Traveling Shows; Janet Ross, Program; Jean Leason, Education.

The permanent collection of 21 paintings belonging to the Institute was kept on exhibition to August 24, 1944. Through the end of August and first part of September a one-man loan exhibition of 35 watercolors by Walter Buckingham Swan was shown. The gallery was closed for two weeks following this for redecoration in preparation for the Annual Exhibition of Work by Artist Members of the Institute, held in October. In this exhibition 37 artists were represented by 45 paintings and 3 sculptures. The Memorial Exhibition of 20 paintings by Adeline Albright Wigand and 21 by Otto Charles Wigand was held in November. Frederic Whitaker, watercolorist, exhibited 29 of his works in December.

Members of the Staten Island Camera Club opened the new year with their Annual Exhibition of Photographs. The February exhibition of ten War Paintings, in oil, by Arnold Hoffmann was followed in March by 26 Illustrators' Originals, obtained through the courtesy of *Collier's National Weekly*. The Annual Exhibition of Work by Staten Island Artists opened on April 8 and continued through May 14, 36 artists were represented by 46 works. The jurors for this show were: Gordon Grant, A.N.A., Walter Biggs, A.N.A., and Stow Wengenroth, N.A., and Mrs. Beth Creevey Hamm, President of the National Association of Women Artists, held a one-man show of 31 paintings from May 20 to June 30. July and August were devoted to the collection of paintings of the late Dr. Andrew Eagon, borrowed from the Staten Island Historical Society.

During the year two Traveling Shows were sent to St. George and New Dorp Libraries, and one to Port Richmond and West New Brighton Libraries.

Eight opening receptions were held on Sunday afternoons through the season and speakers were present at two: Frederic Whitaker gave a demonstration of his watercolor technique on December 10, 1944, in connection with his exhibition, and Mario Cooper gave a talk on "Illustration Work," on March 4, 1945.

During the summer of 1944 six Landscape Sketching groups were led by Percy Leason, and through the winter, 1944-45, 16 meetings of an adult Life Class were held bi-monthly in the Museum.

The permanent collection of Paintings belonging to the Institute has been increased by two gifts: Mrs. Willard J. Tompkins presented an oil portrait of the five eldest children of Governor Tompkins, painted in 1809 by E. Ames, and Adele T. Low bequeathed an oil painting of an Italian Peasant Girl by an unknown artist.

ELIZABETH R. PARKE.

ENGINEERING

Richmond County Chapter New York State Society of Professional Engineers After the summer recess, regular meetings began in September, and were held every month on the second Thursday, at the Staten Island Museum, where meetings have been held continuously by this organization since 1928. This past year, however, the fall meeting scheduled for September 14, 1944, was postponed one week to September 21, due to the announcement during the afternoon of the 14th of the approach of a storm of hurricane violence. Much damage was done throughout the Island by falling trees, but the forewarning probably avoided loss of life.

Officers in the fall were Herman W. Ordeman, President; Robert Werner, Vice-President; Raymond J. Reddy, Secretary; B. H. T. Mackenzie, Treasurer; William J. Massa, William H. Larkin, Frederick Mardus, George Fritze, George Swier, Jr., Hugo Stenberg, and Past President Chester W. Cambell, Directors. At the Annual Meeting held on January 11, 1945, the following officers were elected and installed for the current year—Robert Werner, President; George H. Swier, Jr., First Vice-President; Claude T. Crapo, Second Vice President; Raymond J. Reddy, Secretary, (5th term); Ola T. Sater, Treasurer; William J. Massa, William H. Larkin, Frederick Mardus, George Fritze, Chester W. Cambell, B. H. T. Mackenzie and Past President H. W. Ordeman, Directors.

William J. Massa served as Chapter Chairman for Staten Island Community War Chest, H. W. Ordeman for the American Red Cross, and Robert Werner as a Director for the Veterans Memorial. William H. Larkin acted as Convention Chairman for the National Society of Professional Engineers at the Hotel Commodore, December 6 and 7, 1944.

The Tenth Annual Convention of the New York State Society of Professional Engineers was held at the Hotel Commodore, May 4 and 5, 1945. Chester W. Cambell acted as Convention Chairman. Richmond County Chapter presented a gavel through Frederick Zurmuhlen, Toastmaster at the Convention, to Broome County Chapter, winner of a State membership contest. Joseph Brady of Westchester County was elected President of the State Organization, with William H. Larkin of Richmond Chapter, Second Vice-President. The latter continues as editor of *The News Letter*, issued by the State Organization. Richmond Chapter members appointed to State Committees include: William J. Massa, Public Relations; Joseph J. Welsh, Ethics and Practice; Victor H. Reichelt, Membership; and William H. Swier, Jr., State Legislation.

The Chapter supported the idea for the employment of a State Executive Secretary to unify the efforts of the State Chapters in advancing the Profession and increasing their value to the welfare and safety of the Communities throughout the State. This Chapter, together with the other four County Chapters in New York City, joined with the Municipal Engineers of New York City, the Metropolitan Section of the American Society of Civil Engineers, the Association of Civil Engineers in the Service of New York City, and the Association of Engineers of New York on a joint committee which presented a petition to the Board of Estimate of the City of New York concerning some 650 licensed professional engineers in the service of the City of New York who are now receiving less than the minimum salary set by law for such positions. This petition was referred by the Board of Estimate to the Budget Director for a confidential report to the Mayor, and no action has yet been taken.

At the May 10, 1945, meeting the Chapter endorsed the report of the State Committee on Minimum Fees and Salaries for engineering work throughout the State for professional engineers and engineers-in-training. The salaries and fees set may be increased or decreased up to 10 per cent to take account of local prices and values or other conditions in different parts of the State.

During the year, the Chapter supplied names of Professional Engineers, expert in building construction, to the Municipal Civil Service Commission of New York City to act as Surveyors of unsafe buildings. Past President Ordeman represented the Chapter by appearing before the Erosion Sub-Committee of the House Committee on Rivers and Harbors in Washington, in support of bills in Congress extending partial Federal Aid for protecting beaches. Staten Island has six miles of beaches, with 32% of their frontage being wiped out, and it was recommended to the Committee that the proposed legislation should name the Shore and Beach Erosion Preservation Association of Washington, D. C., as the Authority to co-ordinate the work.

An open "Trilogy on Transit" was held to determine, if possible, the best vehicular connection between Staten Island and Brooklyn to which members of Civic Organizations of the Island were invited. At the April meeting, Dr. Ole Singstad, Chief Engineer of the New York Tunnel Authority gave a very informative lecture on the cost, methods of meeting same, uses, and extent of solving the traffic problem of the area, and advantages to the Boroughs of Brooklyn and Richmond of two two-laned tubes under the Narrows. Preliminary plans have been drawn for such a vehicular tunnel proposed as a post war project. In May, Dr. David B. Steinman, bridge engineer, covered the same points as applied to an eight lane vehicular bridge, with the added aesthetic appearance of a graceful suspension bridge across the Narrows at the gateway to the City. At the June meeting, the proposed vehicular connections were compared point by point, the bridge gaining favor from an engineering point of view on its comparative economy, eventual income, and fitness to the topography. From the architectural viewpoint the structure of the bridge would stand out as a Thing of Beauty, while if the same modern methods of approach design as is used for modern tunnels is applied to a bridge, it is believed such type approaches will be found especially adaptable to a bridge structure, being entirely different from the dismal utilitarian approaches to the older bridges, and will tend to enhance property values in the vicinity.

The matter of a rapid transit connection will undoubtedly develop in the future when increased population will demand additional facilities to the beautiful and restful ride on the ferries, which is even now becoming uncomfortable.

RAYMOND J. REDDY.

FOLK DANCING

The Museum organized a Folk Dance Group during December, 1944, under the leadership of Mrs. Parke and her father, Hinman R. Root, who have been leading folk dancing on the Island for the past twelve years. The group met twice each month in the Museum. A wide variety of Swedish, Norwegian, Russian and English dances provided everything from simple polka and waltz steps, upon which most folk dances are based, to the more difficult steps. An evening of American Square Dances was led by Carolyn Watson, of the Staten Island Day School. At the last meeting on April 27, 1945, a costume party was held, and many folk costumes of various countries were worn.

HINMAN R. ROOT.

LITERATURE

Belles Lettres Society The Belles Lettres Society, in following its stated object, "to foster appreciation of, and to encourage literature and other fine arts among its members and the community," has enjoyed a stimulating year of programs of regional literature, embracing the English speaking regions of North America.

As customary at the first meeting of the season, the October program was a discussion of summer reading of the members, including a variety of books, ranging from current best-sellers to classics. Some little known but worth while books were recommended. It was particularly interesting to have a discussion of the recently published book *George Henry Calvert* by Dr. Ida G. Everson, now a member of the Society. Succeeding meetings considered regional literature of Canada, New England, the South, the Mid-west and the Far West.



"Jack-in-the-Pulpit," watercolor by Beth Creevey Hamm from her exhibition during May and June, 1945.

Our holiday meeting was one to be remembered. The special feature was the singing by the Treble Choral Ensemble, under Marjorie Sunderman's direction, of unusual Czechoslovakian, French, and Appalachian Mountain Christmas Carols. Original essays, stories, poems, a book review, and songs by members were presented. It is encouraging and gratifying to see the creative spark nurtured and kept glowing.

In May the Belles Lettres was addressed by Mari Sandoz, who gave an illuminating talk on writing in general, and her own in particular. Miss Sandoz, a dynamic personality, told us something of her extraordinary father of whom she wrote in her book "Old Jules."

The Belles Lettres Society has lost two of its distinguished members through the deaths of William T. Davis and Leon E. Daniels. Mr. Davis had been a member since the year the Society was started, and Mr. Daniels had been President, Secretary, and Historian. Each was greatly beloved and will be greatly missed.

As a tribute to our founder, Adolph W. Callisen, the November meeting is henceforth to be "Founder's Day," on which some of the writings of "Uncle Toby" will be read.

The annual dinner was omitted this year as in other war years. Cakes were also omitted from the regular refreshments at the monthly meetings, and the money sent to the Red Cross.

Our year's program concluded with the June picnic. We look forward to another year of happy association and accomplishment.

The officers for the past year were: Josephine Dockray, President; R. F. Cumberland, Vice-President; Mrs. Walter Kuhn, Recording Secretary; Mrs. Mark Kerr, Corresponding Secretary; Alice Lawrence, Treasurer; Lester L. Callan, Historian. The officers elected at the June meeting for the year 1945 - 1946 are: R. W. Cumberland, President; Alice Lawrence, Vice-President; Mrs. Austin Rogers, Recording Secretary; Mrs. Isidore Delson, Corresponding Secretary; Walter Kuhn, Treasurer; Lester L. Callan, Historian.

JOSEPHINE DOCKRAY.

Fortnightly Club The fortnightly Club of Staten Island held fourteen meetings during the past season, eight in the Museum and six at the homes of members. The officers were: Mrs. Willard M. Grimes, President; Mrs. Christopher Steadman, First Vice-President; Mrs. John P. Dicke, Second Vice-President; Mrs. Thomas Dobson, Secretary; Mrs. Stephen J. Botsford, Treasurer. Directors were: Mrs. E. C. Rach, Emilia Joan Schneider, Mrs. Robert W. Moller, Mrs. C. Leland Kirkley.

Programs presented were: Mrs. Rach's translation from the French, *The Clearing*, by Maurice Constantin Weyer; book reviews by: Ethel Blanpied, *Wind Sand and Stars* by Antoine de Saint Exupery; Mrs. J. A. Swett, *Men, Women and Tenors* by Madame Alda; Mrs. Botsford, *Citizen Tom Paine* by Howard Fast; Mrs. Kirkley, *Home on the River* by Archibald Rutledge; Rosalie Packer, *Who Walk Alone* by Preston Burgess; Mrs. C. L. Schaefer, *Yankee From Olympus* by Catherine Bowen; Mrs. A. M. Hildebrand, *Sangamon River* by Edgar Lee Masters. Original papers read were: "Bells and Carols," Mrs. Pauline F. Stillwell; "Thomas Paine," Mrs. Clermont C. Covert; "China Ware, Old and New," Mrs. Dicke; "French Composers," Mrs. Ivins S. Tanner; "The Flight," Miss Schneider; "Kahlil Gibran," Mrs. Ralph Van Wormer.

Officers for 1945-46 are: Mrs. Kirkley, President; Mrs. Dicke, First Vice-President; Miss Packer, Second Vice-President; Mrs. Dobson, Secretary; Mrs. Botsford, Treasurer. Directors are: Mrs. Grimes, Mrs. Steadman, Mrs. Moller, Miss Annie Davison.

MRS. WILLARD M. GRIMES.

MUSIC

Staten Island Choral Society The Choral Society, organized last spring, has rehearsed each Monday evening during the winter under the direction of Ernest L. Jansen, assisted by Marjorie Sunderman and George Martin. The officers are Roswell S. Coles, President; Mark Kerr, Treasurer; Mrs. Elizabeth R. Parke, Secretary.

A supper meeting and program for the members of the Choral Society was held in the Museum on October 22, 1944. Dr. Charles Seesselberg, cellist, accompanied by Mrs. Seesselberg; Mrs. Edith Seyffert, accompanied by Marjorie Sunderman; and Walter Herold, pianist, provided the entertainment. The supper was planned by Mr. and Mrs. Kerr and Mr. and Mrs. Coles.

At the Institute meeting on December 16, 1944, "Music Appropriate to Christmas," was presented. The program included: piano and flute solos by George Martin and his daughter, Nina Martin, solos by Mrs. Dorothy Carter Sanders accompanied by Mrs. James Haydock, and several numbers by the Treble Choral Ensemble, directed by Marjorie Sunderman.

"The Passion of Our Lord According to St. Matthew," by Johann Sebastian Bach was presented, March 22, 1945 in Feldman Hall of Curtis High School, by the Choral Society, the Wagner College Women's A Capella Choir and the Kiwanis Concert Orchestra of Staten Island. Soloists were: Mrs. Dorothy Carter Sanders, Soprano; Elsie MacFarlane, Alto; Donald Steele, Tenor; Leo J. F. Bar-tinique, Baritone; Eugene Greenwell, Bass; George Martin, Piano; George S. Dare, F.T.C.L., Organ; Dr. Hans Haag, Violin; C. W. Moore, Flute; A. Gardner, Clarinet.

Two weeks after the performance of the "Passion," the Choral Society started rehearsing "Elijah" by Felix Mendelssohn, meeting Mondays under the same directors and officers. The "Elijah" will be presented on November 30, 1945.

ELIZABETH R. PARKE.

Horizon Club The Horizon Club Choral Ensemble of the Staten Island Council of Camp Fire Girls, Inc., under the direction of Marjorie Sunderman, met at the Museum each Tuesday, from October to May.

On December 27, 1944, the group gave a Christmas Concert and Tea in memory of the late Alice Sissler who was a member of the group. The proceeds of the concert were used to launch the Alice Sissler Memorial Campship which is to be awarded annually to the Horizon Club member who shows the greatest interest and improvement in music, is constant in attendance and participates wholeheartedly in the work of her own chapter. This year the award was presented to Mary Smith. A similar award was given to Pauline Vacaro through the generosity of the Kiwanis Club. The Campship will afford the girls a ten day stay at the Trapp Family Music Camp, Stowe, Vermont.

MARJORIE SUNDERMAN.

Treble Choral Ensemble An application is pending from the Treble Choral Ensemble, directed by Marjorie Sunderman, to become an affiliated society of the Institute. Mrs. Louis Raichle is President, and Mrs. Howard Shadwell, treasurer. The group will meet on Tuesday evenings in the Museum, starting in the fall.

MARJORIE SUNDERMAN.

NATURAL HISTORY

Staten Island Bird and Nature Club During the past year the Bird and Nature Club has progressed through a period of adaptation to changing conditions. The prolonged illness and death of William T. Davis, to whom to a great extent the club owed its inception, deprived us of that element of careful observations, new specimen material and interesting nature facts on which we had so long relied to sustain the monthly meetings of the Club.

Believing that the Club should continue and expand its duty to the Institute of studying and recording Staten Island Nature, whether flora, fauna, geology or other related field, we have adopted as part of our program: Winter and nesting bird counts; Flowering plant "census" of existing species; The census of native and introduced trees and shrubs; Relocation of stands or occurrences formerly reported, mostly prior to 1945; Exploration of new or seldom-visited territory; Organization of the Study Group, for more thorough study and consultation than the monthly meeting permits.

During the year regular field trips have been held on the second Saturday of each month, visiting sections of the Island where these studies could best be pursued. Three special field trips for the observation of migrating birds were held on April 8, April 22 and May 6, 1945, and two exploratory walks were held, one on March 31 in the section between Forest Hill Road, Rockland and Richmond Avenues, and one on June 3 in the VonBriesen Estate, Fort Wadsworth.

On the regular field trips we have enjoyed the hospitality of Mr. & Mrs. Howard Cleaves, Mr. & Mrs. Elwood Cole, Director and Mrs. Roswell Coles and Mr. & Mrs. Karl Nesslinger.

Regular monthly meetings were held at the Museum or at the home of one of our Club members. At these meetings many specimens and reports were submitted. An effort was made to have one or more topics of general interest for elaborated discussion at each meeting. Following is a list of speakers and subjects presented by them: Mathilde Weingartner, "S. I. Ferns and How To Identify Them," "Early Spring Insects;" Lee A. Ellison, "The Country Herb Doctor," "Oils From Backyard Weeds and Roadside Trees," "Subsurface Minerals at Travis;" I. C. G. Cooper, "Fall Flowers," "Holiday in Pioneer Valley;" Dr. Theodora Nelson, "Description of Nature Work at Camp Tivoli and at Michigan Biological Station," "Intimate Studies of the Spotted Sandpiper;" Edwin Rundlett, "Survival of Trees Through the September Hurricane," "Winter Characteristics of Twigs and Buds;" Mrs. Ida Plumb, "Traditions, Superstitions and Legends about Christmas Greenery;" Frank Gunnell, "Color in Nature;" Roswell S. Coles, "Geology of Staten Island."

The 45th annual Christmas Bird Census was taken on December 24, 1944, by Carlton Beil, Howard Cleaves and Lee Ellison. Report of the census, which uncovered thirty-seven species of birds and 8,376 individuals, is published in the January, 1945, *Museum Bulletin*. The annual Nesting Bird Census was taken on June 3, 1945, and results of this will be published in the October, 1945 *Bulletin*.

Winter bird feeding has been maintained at the Bird Sanctuary in New Springville. Many trees were felled during the September, 1944 hurricane, but these only added more effective shelter for wild life. Mr. Rundlett reports that many white-throated sparrows and a flock of pheasants were constant guests at the Sanctuary.

Progress has been made on the tabulation of unusual and interesting trees on the Island under the inspiration of Edwin Rundlett, Field Secretary, while further records on the Staten Island plant census have been assembled under the guidance of I. C. G. Cooper.

With deep regret we record the death of three of our members other than Mr. Davis above referred to: Mrs. Mary A. Seery, November 24, 1944; Mrs. Juliet Trench, February 25, 1945; and Miss Katherine Seaman, March 25, 1945.

At the January meeting, the following officers were elected for the current year: President, Lee A. Ellison; Vice-President, Carlton Beil; Field Secretary, Edwin Rundlett; Recording Secretary, Mathilde Weingartner; Corresponding Secretary, Mrs. Karl Nesslinger; Treasurer, Karl Nesslinger.

LEE A. ELLISON.



Seventeen-Year Cicadas, Brood II, emerging on Staten Island, June, 1945.
From an exhibit arranged by John Koestner.

Staten Island Microscopical Society The Society, operating on a restricted war time schedule, held one meeting on November 1, 1944, and another on March 7, 1945.

At the November meeting, subjects of a general nature and observations which had come to members' attention during the summer were shown and discussed. A spring meeting was agreed upon as a pre-exhibition and program night.

At the March meeting the great loss which the Society had sustained in the death of William T. Davis, an active member and exhibitor since the Society's formation, was commented upon and the Secretary was instructed to make a suitable record in the minutes.

The officers were re-elected to serve for the remainder of the year: Dr. Frank A. Strauss, President; Roswell S. Coles, Treasurer; George E. Ashby, Corresponding Secretary; I. C. G. Cooper, Recording Secretary. Members stated or exhibited their subjects for the Annual Exhibition. As the announced program the Recording Secretary displayed and commented upon a mid-winter collection of Marine Algae gathered by Roy Latham of Orient, Long Island.

The Fifteenth Annual Exhibition, held on April 21, 1945, was contributed to by most of the members, the Museum staff, Howard H. Cleaves, Jay T. Fox and delegations from six Staten Island Colleges and schools. In the vacant place usually filled by Mr. Davis there was an exhibition of his favorite *Magicicada septendecim* (17-year Cicada) arranged and described by Mrs. Carla E. Nesslinger, Dr. Strauss and Mr. Coles.

At the Exhibition the President attracted a round of applause for our oldest and most constant exhibitor, Capt. Thomas I. Miller, who had passed his 90th birthday on March 21.

I. C. G. COOPER

PHILATELY

Staten Island Philatelic Society A program of monthly meetings was held at the Museum at which trading, auction sales, and expertising were carried on. Again, due to conditions, no lectures were held. The officers for the year were: T. F. Waters, President; M. P. Lawter, Vice-President; A. M. Nascher, Secretary; H. J. Murray, Treasurer. A very interesting set of meetings resulted.

The Society cooperated with national organization of "Stamps for the Wounded" in supervising stamp collecting activities of the service personnel at Halloran and Marine Hospitals. Material prepared by members was donated for that purpose and Mr. Waters and Mr. Lawter worked in the hospitals with the Red Cross. The work was appreciated very much as participation in a hobby makes time pass more quickly in the hospital.

An exhibit of various phases of philately was maintained for three months in the Museum. This exhibit, in part, was shown at Halloran Hospital for a period.

At the April meeting the present officers were re-elected for the year 1945-1946.

T. F. WATERS

PHOTOGRAPHY

Staten Island Camera Club During the 1944-1945 season the Camera Club carried on an active program despite shortages of materials due to the war, meeting bi-monthly in the Museum. The officers were: William Y. Daly, President; W. Louis Ellis, Vice-President; Mrs. Anne Warne, Secretary; William Hunn, Treasurer.

The year's activities were opened with the judging of 90 pictures submitted in the Island-wide Photographic Contest sponsored jointly with the Institute. Judges were: Mrs. William Y. Daly of the Camera Club; Larry Dinsch of the Staten Island Advance; Carlton Beil of the Museum. Three prizes were awarded in each class: contact prints, 1st to June Dahl, 2nd and 3rd to Mrs. Frederick C. Lahr; enlargements, 1st and 3rd to Robert M. Leng and 2nd to Mrs. Mildred Frankel.

The Annual Exhibition of Photographs by members of the Club, was opened by a reception on January 7, 1945, and continued through the month. 100 prints, both contact and enlargements, and some examples of tinting and Kodachrome work were shown. Three exhibitions were sponsored by the Club: two collections of prize winning prints from *Camera Magazine*, 50 Combat Photographs from the U. S. Navy, and Navy sound films of combat were shown at one of the meetings while the photographs were on exhibit.

Programs presented to the Club by well known Staten Island photographers included: "Lighting for Portraiture," Mrs. Olga Emma Irish, A.P.S.A., F.R. P.A.; "Exposure for Kodachrome," Frank Gunnelli; "Color Photography," illustrated by slides, I. C. G. Cooper; "Wildlife Photography," Howard H. Cleaves. Club members giving programs were: William Y. Daly, A. Wallich, H. Warne, demonstrating enlarging technique; Oliver Balmer, "Flash Photography;" William Hunn, "Seeing Things for Keeps."

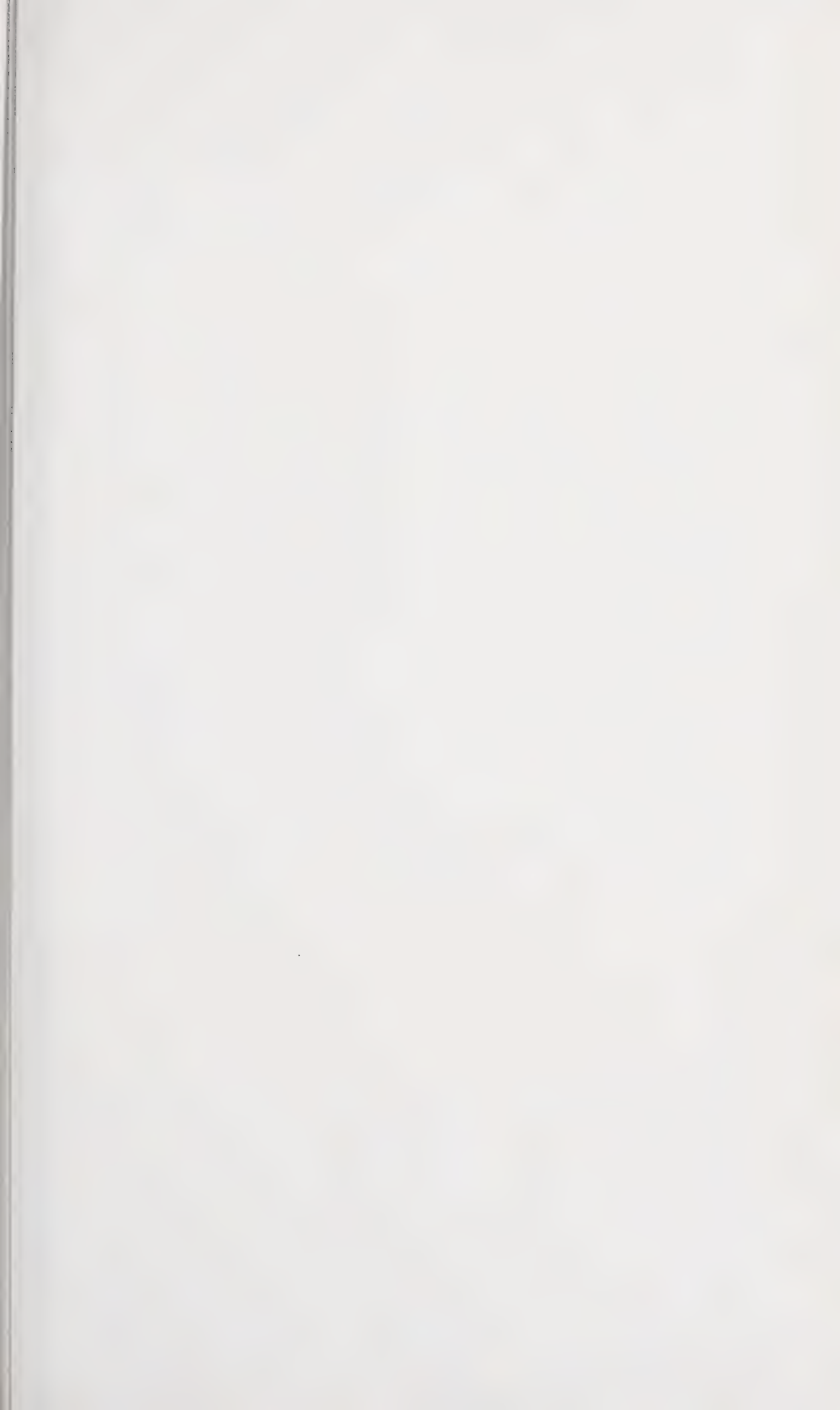
The Annual dinner was held on June 27, 1945, and the judging of the Annual Competition was done by the members of the Club and guests. Oliver Balmer was awarded 1st place and the Fabian Plaque in the A Class for his "Self Portrait," and 2nd place went to William Y. Daly for "Dougal." In Class B, Henry Koenig was awarded 1st and 2nd place and the Fabian Plaque. A book on Photography was given to each winner.

The new officers were elected and are: W. Louis Ellis, President; Mrs. Anne Warne, Secretary; Walter Herold, Treasurer; William Hunn, Chairman of the Executive Committee.

WILLIAM HUNN.



"Self Portrait," by Oliver Balmer. First Prize, Class A photographs, Annual Competition of the Staten Island Camera Club, 1945.



MUSEUM BULLETIN

VOLUME XXVIII, No. 1—OCTOBER, 1945



OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

WILLIAM T. DAVIS MEMORIAL LECTURES

These illustrated lectures have been made possible by the William T. Davis Natural Science Fund. They will be held in the auditorium of the Staten Island Day School, 45 Wall St., St. George, at 8:15 P. M. and will be open to the public without charge.

In accordance with amendments to our Institute By-laws passed March 18, 1945, each lecture will constitute a regular monthly Institute meeting.

October 13, 1945—William L. Darden "Alaska and the Alaska Highway"

(see note below)

December 15, 1945—Curtis F. Nagel "South by Skies"

A colored motion picture record of a flight from Trinidad through the Guianas, Brazil, Argentina and Chile.

March 16, 1946—John Harvey Furbay "5000 miles down the Pan-American Highway"

Colored motion pictures of the great highway from Mexico to Quito with typical scenes, towns, customs and experiences along the way.

May 18, 1946—Edwin Way Teale "Near Horizons"

Edwin Way Teale, noted author and lecturer, will bring us a thrilling full color record of insect life as only he has caught it.

Alaska and the Alaska Highway

On Saturday, October 13, William L. Darden, outstanding authority on Alaska will speak on "Alaska Today and the Alaska Highway," illustrating his talk with colored motion pictures of America's last frontier.

Mr. Darden is a noted naturalist, lecturer and photographer and has just returned from twelve years of residence and travel in the Territory which have given him an intimate and comprehensive knowledge of its industries, people and wild life. He has traversed thousands of miles in Alaska by airplane, dog team, and boat from Ketchikan in the south to frigid Point Barrow, far inside the Arctic Circle. He has spent months alone in the Alaskan wilderness studying and photographing the rare and beautiful Dall sheep, the huge Kenia moose and the giant Kodiak bear. Combined with this vast range of first-hand experience his superb color motion pictures constitute an unforgettable lecture experience.

The November Institute Meeting will be the
64th Anniversary Dinner

Saturday, November 17, 1945

At the Meurot Club, 7 P. M. Dinner \$2.00

PROGRAM: T. C. Roughley, author of "Wonders of the Great Barrier Reef," will give a lecture on this chain of coral reef, 1200 miles long off the coast of Australia, and show the beautiful, tropical underwater life in a color film.

Please make all reservations at the Museum.

BREEDING BIRDS — 1945

On Sunday, June 3, 1945, six observers compiled a list of 104 species of birds on Staten Island, the greatest number so far attained in the four years during which annual counts of birds have been taken at the height of the breeding or nesting season. The day was cool, almost raw, cloudy and some times foggy, with occasional drizzles which kept the vegetation drenched. The wind was easterly. Similar weather conditions had prevailed for many days previous. Observations started at 4:50 A. M. (Eastern War Time), ended at 9:00 P. M. Three separate parties covered as much territory as possible, mostly afoot. Those participating were Mrs. Carol Stryker and Kurt Henning, together; Mr. Lee A. Ellison, alone; Howard Cleaves, Eugene Eisenmann, George Komorowsky, together. Messrs. Eisenmann and Komorowsky, members of the Linnaean Society of New York, both expert students of birds, volunteered their services, thus helping to overcome a current shortage of trained local observers. The birds recorded for the day were:

Double-crested Cormorant (3), Green Heron (3 nests, one with young able to climb out), Black-crowned Night Heron, Mallard, Black Duck, Blue-winged Teal (pair), Wood Duck (1 male, 2 females), Cooper's Hawk(1), Red-shouldered Hawk(1), Sparrow Hawk, Ring-necked Pheasant, Clapper Rail (nest, 9 eggs), Piping Plover (nest, 4 eggs), Semipalmated Plover, Killdeer Plover (nest, 4 eggs), Black-bellied Plover, Ruddy Turnstone, Woodcock, Spotted Sandpiper, Greater Yellow-legs, Knot, Red-backed Sandpiper, Dowitcher, Semipalmated Sandpiper, Sanderling, Great Black-backed Gull, Herring Gull, Ring-billed Gull, Laughing Gull, Least Tern (5), Mourning Dove, Yellow-billed Cuckoo (bird on nest), Black-billed Cuckoo, Screech Owl (2 immature, by flashlight after dark), Whip-poor-will, Chimney Swift, Ruby-throated Hummingbird, Belted Kingfisher, Flicker, Downy Woodpecker, Kingbird, Crested Flycatcher, Phoebe (occupied nest, Prince Bay), Yellow-bellied Flycatcher, Alder Flycatcher (2), Wood Pewee, Prairie Horned Lark (6), Tree Swallow, Bank Swallow, Rough-winged Swallow (nest site located), Barn Swallow (about 15 nests), Blue Jay, Crow, Fish Crow, Black-capped Chickadee, White-breasted Nuthatch, House Wren, Long-billed Marsh Wren, Catbird, Brown Thrasher, Robin, Wood Thrush, Olive-backed Thrush, Veery (5), Bluebird, Cedar Waxwing (11), White-eyed Vireo, Red-eyed Vireo, Blue-winged Warbler, Tennessee Warbler, Yellow Warbler (nest, with 3 young), Magnolia Warbler, Myrtle Warbler, Black-throated Green Warbler, Blackburnian Warbler, Chestnut-sided Warbler, Bay-breasted Warbler, Black-poll Warbler, Prairie Warbler, Oven-bird, Northern Water-Thrush (1), Northern Yellow-throat, Yellow-breasted Chat, Canada Warbler, Redstart, House Sparrow (English Sparrow), Bobolink (1 female), Meadowlark, Red-winged Blackbird, Baltimore Oriole, Purple Grackle, Cowbird, Scarlet Tanager, Cardinal, Indigo Bunting, Goldfich, Towhee, Grasshopper Sparrow (3), Sharp-tailed Sparrow, Seaside Sparrow, Chipping Sparrow, Field Sparrow, Swamp Sparrow, Song Sparrow.

It should be pointed out that not all of these birds breed on Staten Island and that the unseasonably cool and wet weather prevailing through May and into June undoubtedly caused many species, especially warblers, to tarry far beyond the accustomed time at which they would push on north to their breeding grounds.

An analysis of four years of Staten Island census-taking, on a day during the first week of June each year, gives the following results:

Species of birds known to breed on Staten Island as of 1945.....	71
Species known to have bred on the island, or to have built nests in an attempt to breed, but that are not now proven breeders for this area.....	13
Problematical species — those which, by their presence in the breeding season or for other reasons, indicate that they may conceivably breed on the island at some future time.	9

MUSEUM BULLETIN

of the
Staten Island Institute of Arts
and Sciences

Vol. XXVIII, No. 1 October, 1945

Published monthly, except June, July and August, by the Staten Island Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island, N. Y. and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912.

ROSWELL S. COLES, *Editor*

THE MUSEUM BULLETIN

This issue of the *Museum Bulletin* is the first of a new series to be published monthly during the season October to May, thus bringing to completion a plan made several years ago but, for obvious reasons, held in abeyance during the war. The new *Bulletin* will fill a need for a periodical of sufficient frequency to cover adequately our growing activities and of sufficient length to include articles, stories and illustrations relating to Staten Island.

The first issue of the *Museum Bulletin* appeared in August, 1908 while the Museum was located in the Borough Hall. Its purpose was primarily to keep members in touch with the growing activities of the Association, to serve as an official medium for notices and to "chronicle briefly what may be of interest at the Museum." The *Bulletin* consisted of a single page "printed by amateur labor on the Museum press."

Later on brief articles began to appear; in April, 1912 the first of many on Staten Island birds by Howard H. Cleaves was published and we are pleased that our new *Bulletin* contains his latest, "Breeding Birds, 1945."

Seventy-two numbers of the one-page *Bulletin* were issued. In August, 1914 a new form of two-page folder appeared "which the Publication Committee trusts will meet with the approval of the members." It apparently did meet with approval as this form continued to be used for twenty-eight years until the quarterly form was adopted in 1942.

LIBRARY

The natural history section of our Library has been strengthened by approximately one thousand volumes from Mr. Davis's personal library. These include not only books by recognized authors in many nature fields but also pamphlets and reprints dealing with specific subjects of interest to the nature student.

In addition there are many volumes relating to Staten Island, some with perhaps a poem or two and others with considerable reference material which Mr. Davis had collected and preserved during his long life.

Work of cataloging and marking these recent accessions has been carried on during the summer by Mrs. Vogt.

WILLIAM T. DAVIS BIOGRAPHY

Progress has been made by Miss Mabel Abbott on a biography of Mr. Davis. Letters have been sent to individuals and institutions requesting information on his life and writings. Many of his old friends have responded generously. We still need, and shall continue to need, personal anecdotes and aphorisms which were so much a part of the Davis personality. Readers are urgently requested to send us any such material that is available.

NEW MEMBERS

We are pleased to welcome the following new members:

Life Member: Mrs. James H. Lytle.

Annual Members: Hon. Edward G. Baker, Mrs. Frank E. Becker, Leslie D. Bissell, Mrs. E. P. Bond, Mrs. Elliott Burgher, Lester L. Callan, Charles S. Daly, Mr. & Mrs. Dana Danforth, Michael S. Diamond, Josephine Dockray, Iva L. Dodds, Alexander Dollin, Mrs. Roy D. Doull, C. P. B. Egbert, Mrs. A. Benbow Elliman, Christian Everson, Gov. Howard A. Flynn, Mrs. Allie Fox, Felix G. Fritsche, Arnold Hoffmann, Mr. & Mrs. Ernest Jansen, Mark Kerr, Mrs. Ann Lang, Mrs. R. G. Macdonald, W. Lynn McCracken, Mrs. Chester A. McLain, Mr. & Mrs. Thomas Montclair, Mrs. Henry J. Murray, Joseph Neuman, Mr. & Mrs. David T. Parke, Mr. & Mrs. John Plumb, Mrs. Mildred S. Powell, Mrs. Kathryn Rentfield, Janet Ross, Ruth Schimmel, Arnold V. Schwarz, Violet Siemering, Mrs. C. G. Van Cleve, Omon Van Dyck, Harriet Joan Vogt, Mrs. James Von Bevern, Dr. Lilian Warnshuis, Elizabeth Weingartner.

SECTION OF ART

A colorful collection of twenty-four water colors by John Wenger is being shown in the Gallery from September 1 to October 11. Mr. Wenger achieves a very decorative effect; the opera and circus water colors are perhaps the most interesting. His landscapes and still life papers have a harmonious charm about them which is very pleasing.

John Wenger is one of America's most noted water colorists. He is a regular exhibitor at the National Academy, Chicago Art Institute, Pennsylvania Academy, Milwaukee Art Institute and the Corcoran Galleries, Washington, D.C. He was awarded a Bronze Medal at the Sesqui-Centennial International Exposition in Philadelphia and at the New York World's Fair, 1939-1940. He is also a successful stage designer, and has conceived sets for ballets, the Metropolitan Opera House and open-air productions for the City of New York, and many well known musicals.



John Wenger, New York Watercolorist, whose one-man Exhibition is in the Gallery from Sept. 1 to Oct. 11, 1945.

The Annual Exhibition by Artist Members of the Institute will be opened with a reception in the Museum on Sunday, October 11 from 3 to 5 P. M. The Executive Committee, consisting of Mr. Percy Leason, Mr. Albert Barbelle, Mr. Daniel L. Bridgman, Mrs. Muriel Cleaves, Miss Janet Ross and Miss Jean Leason will act as the Reception Committee.

Mr. Albert T. Reid, national Vice-President of the American Artists' Professional League and Mr. Maximillian A. Rasko, portrait painter and lecturer, acted as the jury of selection for this Exhibition.

An Artists' Carnival to raise funds for furthering the activities of the Art Section of the Institute will be held on Saturday, November 3 at 8 P. M. in the Museum, 75 Stuyvesant Place, St. George. There will be an auction of pictures donated by the artists, presentations of humorous skits dealing with the various Institute groups, square dancing, refreshment booths and plenty of fun for everyone. The admission is ninety cents, tax included.

The Life Class held in the Institute last winter proved to be a great success. In view of this fact the Class will be resumed on Friday, October 5th at 8 P. M. Instruction for beginners is given by Mr. Percy Leason and Miss Jean Leason.

The Discussion Group held last winter will also be resumed on Thursday, October 18 at 8 P. M. This Group discusses the current exhibition hanging in the Gallery. Anyone interested in Art is welcome to join either group or both.

Mr. Ely M. Behar, one of our members, has been making sketches of the wounded men at Halloran General Hospital. If anyone would like to help with this work, please contact Mr. Behar at 37 Smith Terrace, Stapleton, telephone Gibraltar 7-4877.

Folk Dancing will be off to a gay start with a party on October 12, Friday at 8 P. M., costume optional. The dancing is led by Hinman R. Root and Mrs. Parke and includes many foreign group and couple dances, as well as the American Square dancing.

JEAN LEASON.

STATEN ISLAND NATURE NOTES

It is the feeling of the Bird and Nature Club at present that in addition to a search for new species there should be an effort made toward relocation from data in old reports, a study of survival of species and a study of adaptation to changing conditions. With this in mind we have explored and will continue to explore little known territory on Staten Island. As an illustration, the walk on Saturday, October 13 will be through the so-called South Avenue woods with a search for the survival of swamp magnolia.

The meeting on October 27 will be devoted to the commemoration of the life of William T. Davis, with a showing of films taken during his last active years. This will be an opportunity for his many friends to see the colored film, "Days Afield," made by the Club in the summer of 1942 on the occasion of Mr. Davis's eightieth birthday and we hope many will avail themselves of this opportunity.

In June a monthly Study Group was instituted, the purpose being for mutual assistance in identifying specimens, discussion of related nature interests and reference to the Museum library and collections. This should encourage development and increased knowledge in chosen fields of Nature Study by all participating members. The October study group will be held in the Museum on Tuesday, October 16.

During the summer Mr. Koestner has been working on the Davis and other collections of insects in the Museum. They have been examined for possible damage by dermestids and have been treated against further destruction. The entire museum collection is being arranged by Mr. Koestner to facilitate its study value. He has also completed notes on the 1945 emergence of the Seventeen-year Cicada, Brood II, and has added a representative selection of specimens to our Cicada collection.

We have also had the assistance of Miss Patricia Barlow who has been working on our butterfly collections. When Mr. Davis made his last complete list in 1909 Staten Island was much more rural, and many changes have taken place since then. Miss Barlow has been making extensive field trips covering the Goodhue Woods, Grymes Hill, Silver Lake and Clove Lakes Parks, New Dorp and Richmond in an attempt to bring our butterfly list up to date. So far she has observed 56 species of the more than 80, in the 1909 list. She has also been working on the Museum butterfly collections.

Nature work with young people has been carried on during vacation time by means of regular Wednesday field trips and Thursday nature study classes in the museum. They have been led by Mr. Coles and Mrs. Parke, assisted by Mrs. Coles and Miss Barlow. The field trips included visits to places of special interest on Staten Island and the museum classes were designed to examine specimens collected as well as to acquaint the young people with the Museum collections, films and lantern slides, and use of the microscope.

LEE A. ELLISON.



William L. Darden and Three Reasons Why He Loves Alaska. Mr. Darden will lecture on "Alaska Today and the Alaska Highway," at the Institute Meeting on October 13, 1945.

How a slight change in the character of habitat can either add or subtract a species as a breeder in a given area is admirably illustrated by the case of the Least Tern. Attracted by newly dredged sand and shell at Crooke's Point this species first nested there in 1942. In 1943 the numbers of these terns increased at the Point, but in 1944 the tern population declined to about the same level as in 1943 and it was speculated by this writer (*Proceedings of the Staten Island Institute of Arts and Sciences*, Vol. 10, Parts 1, 2, October 1942 — May 1944, p. 10) that if vegetation encroached much further on the preferred nesting areas "the Least Tern as a breeding bird on Staten Island may become only a memory, but a most pleasant one." This has happened. Five individuals were seen in flight above the Point and over the water nearby on June 3rd (1945) and both Least and Common Terns were seen flying near the Point during the first two weeks of July, but no evidence of the nesting of Least Terns could be discovered.

Prairie Horned Larks, on the contrary, have apparently increased in the same area, as many as eight individuals, including young of the year, being seen on the wing at one time in early July.

It appears that three pairs of Piping Plovers bred at the Point in 1945. Chicks of this species were observed in different parts of the territory on the same day, the noticeable difference in their respective sizes indicating that they belonged to different family groups. A third pair of adults was seen, acting as if treasure were near, but this remained unfound.

Those of us who have had long experience with birds on the Island are agreed that several species appear to be on the increase, among these being the Bluebird, Cardinal, Killdeer Plover, Wood Duck, Woodcock, Whip-poor-will, Mourning Dove, Yellow-billed and Black-billed Cuckoos, Crested Flycatcher, Prairie Horned Lark, Prairie Warbler, Yellow-breasted Chat, Baltimore Oriole, Goldfinch, Towhee. Definitely showing evidence of decline in numerical strength are such species as Belted Kingfisher, Phoebe, Bobolink, Grasshopper Sparrow, Orchard Oriole, Chipping Sparrow. Laughing Gulls, although not breeding here, are more and more tending to remain with us throughout the summer, it being not unusual for as many as a hundred to stand about on the mud flats and beaches of the Great Kills section. Many of these birds have black heads, which marks them as being adult or nearly so. In previous years nearly all Laughing Gulls, after remaining with us for about a month after their arrival from the south during the second half of April, have disappeared by June 1st in their travels to reach the breeding grounds.

In 1944 it was noted that severe brush fires had so devastated the tract east of McGuire Avenue and north of Ramona Boulevard, near Pleasant Plains, that not a single Prairie Warbler, White-eyed Vireo or Yellow-breasted Chat was discovered there. It is a pleasure to record that such has been the recovery of the vegetation that in 1945 all three of these species again find the conditions acceptable and are back on location in this quadrangle.

HOWARD H. CLEAVES.

JUNIOR MUSEUM

CLAY MODELING.....	Tuesdays	3:30 to 5 P. M.
FOLK DANCING.....	Wednesdays	3:30 to 5 P. M.
NATURE STUDY.....	Thursdays	3:30 to 5 P. M.
MOVIES.....	Fridays.....	4 P. M.

Oct. 5—"Beaverland"

Oct. 12—"Indian Pottery-making"

Oct. 19—"The Dawn of Art"

Oct. 26—"The Adventures of Peter"

PAINTING AND DRAWING...Saturdays.....10 to 12 noon.

STAMP CLUB.....Saturdays.....10 to 12 noon.

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

CALENDAR — OCTOBER 1945

- 1—Monday—2 P. M. Fortnightly Club. French Translation by Mrs. E. C. Rach.
8 P. M. S. I. Choral Society.
- 2—Tuesday—7:30 P. M. Horizon Club
8:30 P. M. Treble Ensemble
- 3—Wednesday—8 P. M. Grand Jurors Association
8 P. M. Work Group for Artists' Carnival
- 5—Friday—8 P. M. Section of Art. Life Class. Model fee 50¢.
- 7—Sunday—2:30 P. M. Work Group for Artists' Carnival
- 8—Monday—8 P. M. S. I. Choral Society
8 P. M. S. I. Philatelic Society
- 9—Tuesday—7:30 P. M. Horizon Club.
8:30 P. M. Treble Ensemble
- 10—Wednesday—8 P. M. S. I. Camera Club. Program by W. Louis Ellis
- 11—Thursday—2 P. M. W.A.C. Mothers Club
8:30 P. M. Society of Professional Engineers
- 12—Friday—8 P. M. Adult Folk Dancing, Costume Party
- 13—Saturday—2:30 P. M. S. I. Bird and Nature Club, Field Trip. Meet at Bulls Head, cor. Victory Blvd. & Richmond Ave.
8 P. M. Wm. T. Davis Memorial Lecture, William L. Darden, "Alaska Today and Alaska Highway," at S. I. Day School, 45 Wall St. Illustrated by color motion pictures. See page 1.
- 14—Sunday—3 P. M. Section of Art. Opening Reception for Annual Exhibition by Artist Members of the Institute.
- 15—Monday—2 P. M. Fortnightly Club. "Twin Rivers," by Harry E. Wildes. Mrs. Christopher Steadman.
8 P. M. S. I. Choral Society
8 P. M. Trustees' Meeting
- 16—Tuesday—8 P. M. S. I. Bird and Nature Club, Study Group
7:30 P. M. Horizon Club
8:30 P. M. Treble Ensemble
- 17—Wednesday—8 P. M. Work Group for Artists' Carnival
- 18—Thursday—8 P. M. Section of Art Discussion Group
- 19—Friday—8 P. M. Section of Art, Life Class, Model fee 50¢.
- 21—Sunday—3:30 P. M. Belles Lettres at the home of Miss Josephine Dockray. "American Drama of the Revolutionary Period." Raymond Safford
- 22—Monday—8 P. M. S. I. Choral Society
- 23—Tuesday—7:30 P. M. Horizon Club
8:30 P. M. Treble Ensemble
- 24—Wednesday—8 P. M. S. I. Camera Club
- 26—Friday—8 P. M. Folk Dancing
- 27—Saturday—8 P. M. Bird and Nature Club, Monthly Meeting. Wm. T. Davis Color Film will be shown.
- 28—Sunday—2:30 P. M. Work Group for Artists' Carnival
- 29—Monday—2 P. M. Fortnightly Club. "Philadelphia Holy Experiment," by Struthers Burt. Mrs. George Davey.
8 P. M. S. I. Choral Society
- 30—Tuesday—7:30 P. M. Horizon Club
8:30 P. M. Treble Ensemble
- 31—Wednesday—2 P. M. Woman's Auxiliary, President's Reception and Tea
8 P. M. Work Group for Artists' Carnival.

MUSEUM BULLETIN

VOLUME XXVIII, No. 2 — NOVEMBER, 1945



OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

Sourwood or Sorrell-tree, *Oxydendron arboretum*, 11 in. One of the more choice trees for small properties. Produces white flowers in July. Barrett Park 63 feet south of Clove Road entrance and 115 feet east of fence.

Franklinia, *Gordonia alata*, 14 feet tall, shrubby. In 1790 this species was found wild in Georgia and introduced into cultivation. It has never since been found growing wild. Camellia-like blooms in September. Barrett Park 38 feet N.E., of end of bird section of Zoo building.

Kentucky Coffeetree, *Gymnocladus dioica*, 20 in. An odd tree of the pea family. Flowers white. A tree is either male or female. This one is male. South side of Henderson Avenue, 75 feet west of Clinton Avenue.

Silverbell Tree, *Halesia tetraptera*. 12 in. White bells borne along undersides of branches as in Solomon's Seal. At 5 Little Clove Road.

Black Walnut, *Juglans nigra*, 31 in. Famous for its edible nuts and beautiful dark colored heavy wood, used in furniture making. Across Little Clove Road from #445.

Cucumber Magnolia, *Magnolia acuminata*, 30 in. An exceptionally large tree. The name comes from its cucumber-shaped fruits. On lawn at 13 Delwood Road, Concord.

Wych Elm, *Ulmus glabra*, 29 in. Also called Scotch Elm. It is unusual because of smoothness of its bark. On Ross Avenue side of 79 - 10th St., New Dorp.

White Mulberry, *Morus alba*, 40 in. The species used in silkworm culture. An unusually large specimen with 77 foot branch spread. Near Conference House rose garden.

Snowball, *Styrax japonica*. Shrubby tree, 15 feet tall. Just what its English name implies. A choice subject for specimen planting. Near short cross-walk east of north end of Brooks Pond.

Hoptree, *Ptelea trifoliata*. Several 12 to 15 feet tall. Also called Wafer-ash because of its habit of rearing clusters of round, wafer-like fruits with a seed in the center of each. Across Flagg Place from 6 Country Club Grounds, near pole E-17-A.

River Birch, *Betula nigra*. Six 5 to 10 in. Similar to White Birch but with yellow shaggy bark. Rear end of DeMatti Playground, Tompkins Avenue near Chestnut Avenue.

European Cut-leaf Beech, *Fagus sylvatica laciniata*, 30 in. An exceptionally fine lawn specimen which branches right to the ground. At 1170 Manor Road, at intersection of Brielle Avenue.



Ginkgo or Maidenhair Tree



Hop Tree or Wafer-ash

Fringetree, *Chionanthus virginica*, Two-trunked 6 in. and 8 in. Often called Old-man's-beard because of a fancied resemblance of the flower panicles to white beards. South side of Henderson Avenue, 225 feet west of Clinton Avenue.

Osage Orange, *Maclura pomifera*, 29 in. Also called Bow-wood and Hedge-tree because of its uses. The fruit resembles a large green orange. At 342 Seguin Avenue and elsewhere along this street.

Goldenrain-tree, *Koelreuteria paniculata*, 2½ and 3 in. Large upright clusters of yellow flowers followed by bladder seed capsules. Several on S. I. Hospital front lawn. Two at 301 Burgher Avenue.

English Elm, *Ulmus procera*, 38 in. A row of majestic specimens along Richmond Terrace frontage of Sailors Snug Harbor. Differs from American Elm by having a sturdy straight bole.

Pea-tree, *Caragana arborescens*, two 10 feet tall. Has yellow pea-like blossoms in May. Branches bright green. On embankment just back of DeMatti Playground Building.

Rose Acacia, *Robinia hispida*, 10 in. Sometimes called Moss Locust because of the mossy coating on the twigs. This specimen is grafted upon the common Black Locust. At 174 Utter Avenue.

Hackberry, *Celtis occidentalis*, 20 and 30 in. Unusually fine specimens of this native warty-barked tree. Two at 16 Grace Road.

American Larch, *Larix laricina*, Three 6 to 12 feet tall. Up in Maine, where these specimens came from, they call them Tamaracks or Hackmatacks. Another beautiful deciduous conifer. At 151 Driggs Street.

ANNIVERSARY DINNER

The Institute will celebrate its 64th Anniversary at a dinner to be held at the Meurot Club, Saturday, November 17 at 7 P. M. In addition to the good fellowship to be enjoyed at the dinner an outstanding lecture and color motion picture "THE WONDERS OF THE GREAT BARRIER REEF," will be given by Theodore C. Roughley.

Mr. Roughley is a Fellow of the Royal Zoological Society, the Superintendent of Fisheries of the Commonwealth of Australia and is a distinguished scientist and author. His studies of the Great Barrier Reef along the coast of Queensland, with its 1200 miles of coral islands and underwater wonders have resulted in a unique color film taken under water. Only in this way can the full glory of the coral be seen. He is also the author of a book of the same title. Mr. Roughley has a fund of anecdotes and good humor and is well able to infect his listeners with his own enthusiasm for his absorbingly interesting subject.

OUR NEW ASSISTANT CURATOR

Mr. Frank Napier, our new Assistant Curator, will have charge of the Museum's nature program. Mr. Napier is a graduate of the University of Pittsburgh where he majored in botany and was a member of Nu Sigma Sigma, the honorary science fraternity. He has also had two years' experience in the Carnegie Museum where he conducted nature classes and lectured both in the Museum and in Pittsburgh public schools and he has worked extensively in summer nature camps and with the Boy Scouts.

Mr. Napier's interest in plants and animals both from the scientific and popular points of view will stimulate an interest in Staten Island nature not only among our young people but adults as well. His special field, the Pteridophytes, will serve as an additional stimulus to our scientific botanical study and to the development of our herbarium.

MUSEUM BULLETIN
of the
Staten Island Institute of Arts
and Sciences

Vol. XXVIII, No. 2 November, 1945

Published Quarterly by the Staten Island Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island, N. Y. and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912.

ROSWELL S. COLES, *Editor*

THE WOMAN'S AUXILIARY

The Woman's Auxiliary has been an integral part of the Institute for many years. It was organized in 1908 as one of our Institute committees and its chief duties consisted of acting as hostesses and serving refreshments at Institute meetings. The original committee was composed of Mrs. Arthur Hollick, Chairman, Mrs. Bertha Kunz Baker, Mrs. T. Livingstone Kennedy, Mrs. F. W. Skinner and Mrs. S. McKee Smith.

At the time the present building was erected the Auxiliary was organized in its present form. Its purpose, as stated in its constitution, is to promote the interests of the Institute. Its opening reception was held July 15, 1919 with Mrs. C. P. Benedict as President. The Auxiliary became a member of the New York City Federation of Women's Clubs in September, 1920.

In "promoting the interests of the Institute" the Auxiliary has undertaken many activities since 1919. It began a special children's art project, undertook to stimulate an interest in horticulture and flower shows, held receptions and provided programs for Institute meetings. One money raising activity, usually a dessert bridge, is held annually to provide funds for the Museum.

In 1944 the Board of Trustees passed a resolution electing the President of the Auxiliary a board member, thus

assuring the Auxiliary continuous representation in the government of the Institute.

During the 1945-1946 season the Auxiliary will function under the following officers: President, Mrs. Jacob Flatow; First Vice-President, Mrs. George Post Vaughn; Second Vice-President, Mrs. Fred A. Fendel; Third Vice-President, Mrs. Louis H. Kohler; Treasurer, Mrs. Arthur Foley; Recording Secretary, Mrs. William Errington; Corresponding Secretary, Mrs. James Lytle.

The Auxiliary takes this opportunity to extend a cordial invitation to all interested ladies to attend its monthly meetings. These are held on the fourth Wednesday of each month at 11 A. M. On Wednesday, November 28, Liu Liang-Mo will speak on "China's Role in the War and in the Peace."

* * *

MEMBERSHIP

Two Sections and one Affiliated Society have been added to the Institute by action of the Board of Trustees on October 15, 1945. The Staten Island Camera Club, W. Louis Ellis, President, has voted to become a Section of Photography and a Section of the Dance has been organized by Mary Wood Hinman, Mr. Hinman Root and Mrs. Parke. Miss Sunderman's Treble Ensemble was approved as an Affiliated Society. These two Sections and the Affiliated Society will add considerably both to our Institute programs and to our effectiveness as a Museum.

We are pleased to welcome the following annual members:

Oliver C. Balmer, David S. Bellows, Cornelia Borgemeister, Carl J. Dolisi, Mrs. Evelyn Ellis, W. L. Ellis, Alice H. Erskine, Thomas J. Fisher, Maxwell Goldberg, Lena Gurr, Mrs. Arthur E. Hamm, Edward Hannigan, Walter F. Herold, Henry Koenig, Michael Koledo, Dr. William Lavori, Mrs. S. Griffith McConaughy, John Murray, P. Petersen, John Ray, Irene Shaff, A. Wallich, Mrs. Anne Warne, Herbert Warne, Frederic Whitaker.

SECTION OF ART

JEAN LEASON

The Annual Exhibition by Artist Members will remain in the gallery through November. There are 34 pictures, varying in technique and media from the more formal portraits of Hon. John C. Boylan by Ely M. Behar or the family picture by Percy Leason to the decorative and colorful water colors of Mrs. Muriel Cleaves. The picture reproduced on this page "Schooner on the Ways," by Omon Van Dyke, is a bright, colorful landscape of Great Kills.

The Exhibitors and their works are: "Sea Scape," Albert Barbelle; "Misty Morning in a Minnesota Swamp," Myra S. Barnes; "Gloucester Fishing Boats" and "Evening, Matinkus Island," Mrs. Henrietta Beaumont; "The Wave," Cecil C. Bell; "Snowless February," Leslie D. Bissell; "Winter Sea" and "Vixen Mother," Frederick Bohrer; "Arrangement," and "Still Life," Dorothy Brugger; "River Bank," Armen Darson; "Still Life," Artemis Darson; "Rock Crusher," and "Empty House," Alex Dollin; "Old Mystic, Connecticut," Mrs. Ethel Easley; "Morning Sunshine," Mrs. Samilla J. Heinzman; "Old Boat," William Jackson; "Dahlias," Mrs. Marjory Kuhfahl; "Gladiolas," Mrs. Isabel Leason; "Janie," Jean Leason; "Refreshments," Mrs. Winifred H. Macdonald; "The Farm," Alfred McNamara; "Hydrangeas," Mrs. Eleanor Marshall; "Mountain Sheds" and "Portrait of an Italian," Eleanor Petterson; "Reading," Philip Politico; "Provence Town Hall" and "Gloucester Play House," Violet Siemering; "South Hampton Swamp," Mrs. Frances B. Sonz; "Compiegne Town Hall, France," David Varon; "Suburban Home," Frederic Whitaker. The two pieces of sculpture are: "Ben," Mrs. Frances B. Sonz and "Promise," Lena Sutera.

Maximillian A. Rasko, noted portrait painter and lecturer, and Albert T. Reid, National Vice-president of the Professional Artists' League of America, acted as the jury of selection for this exhibition.

The **Artists' Carnival** which will provide lots of fun and a colorful evening for all artists and friends of the Institute, will be held at the Museum on November 3rd at 8 P. M. Pictures donated by the artists will be auctioned and there will be comedy skits, square dancing, refreshments.

The Carnival, which was planned in August, would not have been possible if it had not been for the cooperation of the artist members and the Committee who organized the project. There have been 10 work periods since then and we are greatly indebted to the artists who gave their time. Janet Ross is Chairman of the Committee; Mrs. Muriel Cleaves, Albert Barbelle and Percy Leason took care of the advertising program; Marie Sutera is in charge of refreshments; Frederick Bohrer is in charge of construction and Mrs. Barbelle has arranged the music. The Section of Art extends its thanks to the Camera Club for their help with this project.



Schooner on the Ways

Omon Van Dyke

From the Annual Members' Exhibition
October 14 through November 30, 1945

THE ELIJAH

ERNEST L. JANSEN

It is little wonder that the great classic of oratorio which tells the scripture story of the Old Testament prophet, Elijah, should come from the pen of Mendelssohn. Jakob Ludwig Felix Mendelssohn-Bartholdy was the grandson of Moses Mendelssohn whose "Phadon", a dialogue upon the immortality of the soul, won for him the name of the modern Plato, and his family was prominent in the field of art and literature.

In form the *Elijah* differs from other oratorios in that it presents a prologue of the prophet's words which closed the heavens for three years and continues with the usual orchestral introduction. Part I tells the story of the drought in Israel during the reign of King Ahab and records the dramatic struggle between Elijah and the prophets of Baal, closing with the great chorus "Thanks be to God," signifying the return of rain. Part II embodies many of the most famous choruses and continues the story of Elijah's life.

While much of the music from this great work is well known in church services and many arias and choruses have become standard church and concert pieces, it is more in the subtle quiet passages of the recitatives and choruses that the high spots of coloring and the genius of Mendelssohn become more apparent. The style has neither the majesty of the *St. Matthew Passion* of Bach nor the over-shadowing peaks of the *Messiah* by Handel, but it is potent beyond description in giving its hearers a feeling of mellowed appreciation both for the music and for the story it tells.

It is of interest to note that the composer was not satisfied with the first score and spent the better part of a year in its revision. He, himself, conducted the premiere at the Birmingham Festival, August 26, 1846 and the revised version was first produced in Exeter Hall by the Sacred Harmonic Society, April 10, 1847.

According to a letter to a friend it was not Mendelssohn's intent to write a heavy work for stage presentation, and he had expressed his dislike for such performances on several occasions. The *Elijah* was written during a time in his life when he was very much in demand and which was undoubtedly the beginning of the nervous breakdown which not long thereafter caused his death. But the beauty of the oratorio is typical of Mendelssohn's creative faculties and the finished product is Mendelssohn at his best. There is hardly anywhere in musical literature a descriptive work which conforms its musical style so completely to the expressions of the voice and to the story it is telling.

All oratorios lean heavily for the effect on the emotional reaction of the audience to the sacred precepts which all men respect. In this regard the *Elijah* is rich in its main appeal to the religious side of man, even as it unfolds in its musical greatness.

The Staten Island Choral Society, directed by Ernest L. Jansen, with the cooperation of the Staten Island Methodist Choir, directed by Mrs. Thordis Emile and the Wagner Memorial Lutheran College A Cappella Choir, directed by John L. Bainbridge will present the *Elijah* on November 30 at 8:15 P. M. in Curtis High School and on December 1 at 8:15 P. M. in New Dorp High School. The soloists will be: Barbara Stevenson, Soprano; Elsie MacFarlane, Contralto; Fritz Krueger, Tenor; John Percival, Baritone. George Martin and George Dare, F.T.C.L., will be at the piano and organ. The orchestral accompaniment will be provided by members of the Kiwanis Concert Orchestra.

STATEN ISLAND BIRD NOTES

HOWARD H. CLEAVES

Unrelated to the breeding bird census, as reported in the October *Bulletin*, but highly worthy of record are the occurrence of an immature Bald Eagle at Wolfe's Pond on May 21, 1945, of a Hudsonian Curlew at Crooke's Point on July 9, 1945, and the presence for a week or more in late June and early July, 1945, of a group of Canada Geese in the vicinity of Prince Bay. When first reported to the undersigned by Sandy Cuthbert the flock was said to number ten or twelve individuals, but when located by me there were but eight, and a few days later only five geese could be counted. They remained much of the time in a cultivated field planted to corn, but careful observation through 8x binocular glasses failed to detect the birds touching the young corn plants, their preferred food appearing to be grass. The geese were characteristically alert, but they were far from being truly wild. If approached they walked slowly away from the intruder, maintaining a separation of about a hundred feet. If pressed they uttered low *honks*, then took to wing, flying to the shore of Prince Bay, returning to the fields later. Once the writer, Carlton Beil and Game Protector Gwin Polevoy all watched the geese at the same time and all felt it was a sight good for the eyes.

NOVEMBER NATURE PROGRAM

The annual ALL DAY HIKE will be held on Saturday, November 10, starting from the Museum at 9 A. M. The group will follow the high ground of Grymes Hill, Ocean Terrace, and Todt Hill, to Richmond, stopping at the Lighthouse Restaurant for lunch. The hikers will then join the REGULAR FIELD TRIP of the Club which will leave Richmond at 2 P. M. to walk via Arthur Kill Road, Brookfield Ave., Richmond Ave. to the Eltingville R.R. station. Members of the Green Mountain Club will be guests of the Club, participating in both sections of the walk.

Complementing the field trip, the STUDY GROUP will meet in the Museum on Tuesday, November 13 at 8 P. M., for more detailed work on material collected. An innovation this month is the meeting of the PLANT CENSUS COMMITTEE at 7 P. M. preceding the Study Group, for specialized botanical study. The Census is directed by Mr. Cooper who urges anyone interested in the work to attend.

"GRASSES OF THIS REGION" will be the subject of a talk by Mr. A. T. Beals at the regular meeting of the Club held in the Museum on Saturday, November 24 at 8 P. M. Mr. Beals has lectured several times to the Club and his talk, illustrated by mounted specimens will be of interest. He has offered to identify grass specimens for members and guests but urges that they bring suitable specimens in flower and with roots attached where possible.

"Plant Adaptations to Winter Months" will be the general topic for study during November by the Junior Museum. Mr. Napier will conduct a class each Thursday after school and field trips will be held on Saturday, November 3 and 17, starting from the Museum at 10 A. M. Young people should bring lunch and 50c. carfare. Nature movies will be shown each Friday at 4 P. M.

A NEW S. I. BUTTERFLY

PATRICIA BARLOW



Chlorippe celtis

Drawing by Jean Leason

As a result of field studies made during the summer of 1945, 56 species of butterflies were observed of the 81 on Mr. Davis's 1909 list. These were reported briefly in the October *Museum Bulletin*.

One, however, was taken which appears neither in our Staten Island lists nor local collections. This is the Gray Emperor or Hackberry butterfly, *Chlorippe celtis*, Bdv.-Lec. It was found near the Billopp House in Tottenville on August 27, flying about the Hack-

berry trees, *Celtis occidentalis*, from which it derives its name.

The single specimen captured, a male, was taken by Mr. Koestner to the American Museum of Natural History where it was identified by William P. Comstock.

This butterfly earlier was considered to belong to the southern half of the United States but presumably it is gradually extending its range northward. In 1928, the *New York State List of Insects*, there is one former report from Long Island under the generic name *Apatura*. In the 1909 New Jersey list there is no record. However, in 1940, William P. Comstock in his "Butterflies of New Jersey" (*Journal of the N. Y. Entomological Society*, Vol. XLVIII, March, 1940, p. 59) reports it under the generic name *Asterocampa* from as far north as Newton in 1936, and in seven other New Jersey localities. Mr. Comstock, himself, has found *celtis* at Keyport.

The generally flourishing condition of the butterflies found near the Billopp House seems to indicate that they have become established here but further search will be made next year for the larvae.

CHARLES LOUIS POLLARD

1872-1945

Charles Louis Pollard, Curator-in-Chief of the Staten Island Museum from 1907 to 1913, died August 17, 1945 in Arlington, Vermont, where from 1937 he had held the position of Master Librarian of the Martha Canfield Free Library.

He assumed the position of Curator-in-Chief in our Museum on June 15, 1907. His first official act was to inventory the collections of the Association which, at that time, were stored in the S. I. Academy and to have them moved to the Borough Hall. There, in Room 309, he had charge of setting up the first Public Museum. In 1911, again under his direction, the Museum was moved to the Norvell House, 154 Stuyvesant Place. He resigned on December 31, 1913.

The following titles of articles or talks appear in the *Proceedings of the Association of Arts and Sciences*: "The Modern Museum" (Vol. II, p. 91); "Recent Advances in our Knowledge of Heredity" (Vol. II, p. 167); "A Naturalist in North Carolina" (Vol. III, p. 93); "Conservation, the National Issue" (Vol. III, p. 128); "The Future Development of the Museum" (Vol. IV, p. 69); "Museum Extension Work with Boy Scouts (Vol. IV, p. 105.) He also contributed an article, "The Staten Island Museum", in the *Proceedings of the American Association of Museums*. (3:25-29, 1909.)

A brief biographical sketch of Mr. Pollard's life appears in *W.C.'s W.C. in America*, (1942-1943.) He was born in New York on March 29, 1872, the son of Charles William and Sarah Ann (Lyman) Pollard. He received the B.A.

degree from Columbia in 1894 and the M.A. in the following year. From 1894 to 1895 he was Assistant Curator in the Division of Botany, U. S. Department of Agriculture, from 1895 to 1903 was associated with the U. S. National Museum, and from 1903 to 1906 was consulting botanist for C. & G. Merriam Co., Springfield, Mass. He contributed many botany terms for the *Supplement to Webster's Dictionary* (1900), the *Century Dictionary* and *Webster's New International Dictionary* (1903-1906) and was editor of the latter's botany and horticulture sections. He also edited *Plant World* from 1897 to 1913.

An interest in the Boy Scouts, which had developed while he lived on Staten Island, led to a position as Field Commissioner in 1917 and in 1920 he became Scout Executive. Subsequently he was listed as an expert on museum matters until he became Librarian in Arlington.

Mr. Pollard was a fellow of the American Association for the Advancement of Science, the New York Academy of Sciences, founder and first president of the Washington Biologists' Field Club and an honorary member of the Philadelphia Botanical Society.

In recent years Mr. Pollard corresponded occasionally with our Museum and during the past summer contributed information and recollections toward Mr. Davis's biography.

A NEW HISTORY OF NEW JERSEY

Staten Islanders will be interested in a new five volume publication of the Lewis Historical Publishing Co., *The Story of New Jersey*, consisting of three volumes of state history and two of family and biographical matters. The historical section is edited by Dr. William Starr Myers who for many years has been professor of politics at Princeton University and he is chiefly the author of the first volume which covers the political history of New Jersey from earliest times to the present.

Dr. Myers has succeeded admirably in fulfilling his purpose of producing a new history which is both scholarly and well written. "The old idea that to be scholarly an historical writing must be dry, and that the interesting historical story lacks in this very element of scholarship, is rapidly, and fortunately, going out of vogue," he writes in his preface, and his own work speeds the "going" of these outmoded ideas.

Of special concern to Staten Island are those sections dealing with events in which New Jersey and our Island had a common history as in the days of settlement, and in Revolutionary times. The histories of many cities and towns which are geographically so close to Staten Island—Bayonne, Elizabeth and Perth Amboy as well as those of the great waterfront industries (which we can sometimes smell as well as see and hear) will be a valuable source of easily obtained information.

Dr. Myers' statement that during the seventeenth century proprietary struggles involving New Jersey and New York that Staten Island "was reannexed to New York" (p. 45) is at a variance with the locally accepted version as stated by Leng and Davis that, "Staten Island was never, in fact, a part of New Jersey." (p. 132). A brief review, such as this, can do little more than summarize the mass of historical material bearing on this famous controversy. It would seem, however, that what James actually did was "reaffirm" Staten Island's *de facto* position as a part of New York rather than "reannex" it.

At any rate, the fact that in this latest history of New Jersey the question has again been discussed and the fact that there is unquestionably a mass of data apparently not used by our local historians show the need for further consideration of the case. And finally, we can always remember, with some sense of frustration that, in spite of all we can do, Capt. Billopp still regularly circumnavigates Staten Island in his sloop, "Bentley."

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

CALENDAR — NOVEMBER 1945

November

2—Friday	— 8 P.M.	Work Group, Artists' Carnival
3—Saturday	— 8 P.M.	Artists' Carnival (see page 15)
5—Monday	— 8 P.M.	S. I. Choral Society
6—Tuesday	— 7:30 P.M.	Horizon Club
	— 8:30 P.M.	Treble Ensemble
7—Wednesday	— 8 P.M.	S. I. Microscopical Society.
8—Thursday	— 1 P.M.	W.A.C. Mothers' Club
	— 8 P.M.	Society of Professional Engineers
9—Friday	— 8 P.M.	Folk Dancing
10—Saturday	— 9:30 A.M.	All Day Hike, starting from Museum
	— 2 P.M.	S.I. Bird and Nature Club, Field Trip, Richmond
12—Monday	— 2 P.M.	Fortnightly Club. "Henry James," Mrs. Willard Grimes.
	— 8 P.M.	S. I. Choral Society
	— 8 P.M.	S. I. Philatelic Society
13—Tuesday	— 7:30 P.M.	Horizon Club
	— 8:30 P.M.	Treble Ensemble
	7 P.M.	Specialized Study on Plant Census.
	— 8 P.M.	Nature Study Group
14—Wednesday	— 8 P.M.	S. I. Camera Club
15—Thursday	— 1 P.M.	Seaman's Church Institute
16—Friday	— 8 P.M.	Section of Art, Life Class
17—Saturday	— 7 P.M.	Institute Dinner at the Meurot (see Page 13)
18—Sunday	— 3 P.M.	Belles Lettres, at the home of Major and Mrs. Willard Grimes. Original contributions by members.
19—Monday	— 8 P.M.	S. I. Choral Society
20—Tuesday	— 7:30 P.M.	Horizon Club
	— 8:30 P.M.	Treble Ensemble
22—Thursday	—	Thanksgiving — The Museum will be closed.
23—Friday	— 8 P.M.	Folk Dancing
24—Saturday	— 8 P.M.	S.I. Bird and Nature Club Meeting (see Page 17)
26—Monday	— 2 P.M.	Fortnightly Club, "Well Tempered Listener," by Deems Taylor. Mrs. David Elder.
	— 8 P.M.	S. I. Choral Society
27—Tuesday	— 7:30 P.M.	Horizon Club
	— 8 P.M.	S. I. Philatelic Society.
	— 8:30 P.M.	Treble Ensemble
28—Wednesday	— 10:30 A.M.	Woman's Auxiliary. Business meeting.
		11 A. M. Program: "China's Role in the War and in Peace," by Liu Liang-Mo.
	— 8 P.M.	S. I. Camera Club
30—Friday	— 8 P.M.	"Elijah," presented by the S. I. Choral Society (see Page 16).

Junior Museum

Clay Modeling	Tuesdays	3:30 to 5 P.M.
Folk Dancing	Wednesdays	3:30 to 5 P.M.
Nature Study	Thursdays	3:30 to 5 P.M.
Movies	Fridays	4 P.M.
Painting and Drawing	Saturdays	10 to 12 noon
Stamp Club	Saturdays	10 to 12 noon
Microscopy	Saturdays	10 to 12 noon

MUSEUM BULLETIN

VOLUME XXVIII, No. 3 — DECEMBER, 1945



Proposed Narrows Bridge
as visualized by Dr. D. B. Steinman
See page 25.

OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

"ELIJAH" by Felix Mendelssohn

will be presented on

FRIDAY, NOVEMBER 30 at 8:15 P. M. — Curtis High School

by

***The Staten Island Choral Society
Wagner College Women's A Cappella Choir
Staten Island Methodist Choir***

accompanied by

Members of the Kiwanis Concert Orchestra

Ernest L. Jansen, Director

Admission—\$1.20 including tax.

Students—\$.60 tax incl.

Tickets may be purchased at the Museum

WILLIAM T. DAVIS MEMORIAL LECTURE

December 15, 1945 — 8:15 P. M.

at the S. I. Day School, 45 Wall St.

CURTIS NAGEL

World Traveler and Explorer presents

"SOUTH BY SKIES"

This lecture with its artistic colored motion pictures and appropriate musical background describes a thrilling air adventure from Trinidad in the British West Indies to the heart of the Guianas.

MARIONETTE SHOW

For Children of *all* ages

"Happy the Humbug"

Saturday, December 1, at 2:30 P. M.

at the

S. I. Day School, 45 Wall Street

Academy Place entrance

Presented by the New York City Department of Parks

No admission charge

ART NOTES

Jean Leason



Sunny Pastoral

From the exhibition of water colors by Harry De Maine
December 1, 1945 to January 10, 1946.

Exhibition: An exhibition of water colors by Harry De Maine, one of America's outstanding water-colorists, will be shown in the gallery from December 1, 1945 to January 10, 1946, with an opening reception Sunday, December 2, at 3:30.

Mr. De Maine is a British born American citizen who received his art training in Liverpool, London and Paris, setting his standards by the work of David Cox, Peter DeWitt, John Sell Cotman and Turner.

The life story of Mr. De Maine has much in common with the novel depicting the struggle and heartbreaks of an artist. But no hero of such a novel endured more in attaining his chosen aims. He was apprenticed to a drygoods house in Liverpool as a child and worked 74 hours a week, studying art on the side for a few hours each evening. After eight years of this he gave up his job, moved to the Latin Quarter of Paris, and began painting at Montmartre in the full tradition of the starving artist.

During World War I he served first as an ambulance driver and later as a British Infantry man. He was sent to this country as bearer of the official records of the American Field Service and remained here. For a living he made designs for textiles, illustrating, and painting posters.

He continued with his water colors and gradually they caught the public fancy. Since then he has attained national recognition and long ago dropped all commercial affiliations.

He has twice received the Shaw Water Color prize at Salmagundi Club exhibitions, and has twice been awarded a prize at exhibitions of the American Water Color Society. Mr. De Maine is a member of the American Water Color Society, Audubon Artists and the Salmagundi Club.

Life Class: The life class meets Fridays, December 7 and 21 at 8 P. M. in the gallery. Instruction to beginners is given by Percy Leason.

Discussion Group: The current exhibition of water colors by Harry De Maine will be the subject of the informal discussion on Thursday, December 13 at 8 P. M. Percy Leason will act as chairman and any artist or layman may ask questions or express opinions on the exhibition.

MUSEUM BULLETIN

of the
Staten Island Institute of Arts
and Sciences

Vol. XXVIII, No. 3 December, 1945

Published monthly, except June, July and August, by the Staten Island Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island, N. Y. and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912.

ROSWELL S. COLES, *Editor*

WILLIAM T. DAVIS SCHOLARSHIP

The Institute takes pleasure in announcing the establishment of a Natural Science Scholarship at Wagner Memorial Lutheran College through the William T. Davis Natural Science Fund. The following statement has been agreed upon by the Institute and the College.

"William T. Davis Scholarship, Established by the Board of Trustees of the Staten Island Institute of Arts and Sciences from the income of the William T. Davis Natural Science Fund.

"The purpose of the scholarship is to aid a student, preferably a resident of Staten Island, in following the study of Natural Science (or some special branch) as a life work.

"The appointee will enter Wagner Memorial Lutheran College as a full-time student.

"The amount of the scholarship will not exceed full tuition.

"There will be no distinction as to sex, race, color, creed or preparatory school. The student appointed must show an already established interest, aptitude and preference for Natural Science. He will be expected to major in biology; but this requirement may be modified by agreement between the College and the Institute.

"Selection will be made annually by a joint committee representing the College and the Institute. Appointment will be for one academic year; but the incumbent may be reappointed, provided he continues to meet all requirements, until he has completed his work for the B. A. degree in Wagner College.

"The student will be expected to use the facilities and participate in the activities of the Staten Island Institute of Arts and Sciences as a part of his training. The joint selection committee will determine the nature and amount of this participation in view of the needs of the individual student."

The Scholarship for 1945-1946 has been awarded to Miss Nieves Ribes, 47 Carmel Ave., Staten Island. Miss Ribes is a graduate of Port Richmond High School, is a sophomore at Wagner College majoring in biology and is well qualified to hold the Davis Natural Science Scholarship. She will assist us on Saturday mornings, working with young people, particularly in microscopy, and will also take an active part in the adult Microscopical Society.

MEMBERSHIP

We are happy to welcome the following annual members:

Harold E. Bardwell, William M. Barlow, F. M. Beasley, Grace Brew, Edward L. Brown, Dr. D. V. Catalano, Carl J. Dolisi, Morton Farr, Louis Goldberg, Arthur R. Ingham, Theodore Koch, Dr. Milton S. Lloyd, George M. Matthius, Margaret McGowan, Ernest Miller, Gladys Mock, Louis H. Muller, Mrs. Walter E. Norris, Joseph J. Perosi, May W. Stetson, F. Laird Tompkins, William C. Urbach, Mrs. F. J. Winsch.

We are gratified to announce that in recognition of our work with Staten Island schools the following principals have become members in behalf of their schools:

Mary M. Blair, P. S. 20; Mrs. Marie S. Conroy, P. S. 17; Jules Felek, P. S. 21; Jacob Flatow, P. S. 14; I. O. Gimprich, P. S. 3; Loretta L. Hanrahan, P. S. 44; Mrs. Augusta C. Marcus, P. S. 5; Lillian B. Onderdonk, P. S. 41; Herbert S. Walsh, P. S. 10.

THE NARROWS BRIDGE *

D. B. Steinman, Consulting Engineer

Local citizens with vision have long been striving to secure a physical connection to span the Narrows at the entrance to New York Harbor. Such connection is needed to overcome the isolation of Richmond from the other Boroughs of Greater New York. Links have now been established by three bridges to the shores of New Jersey, but that only accentuates the need for a Narrows Bridge to connect Staten Island with the City and State of which it is a part. The proposed bridge is the one essential link in a long-conceived highway system connecting Brooklyn with Staten Island, Long Island with New Jersey, New England with the West and South — all in the shortest, most direct line, without passing through the congested arteries of Manhattan. Since this traffic plan was conceived, twenty years ago, all of the other predicted links have been built and the only remaining gap is the Narrows crossing.

The proper, logical, economical and *inspiring* connection across the Narrows is a bridge. For equal traffic capacity, a tunnel would cost five or six times as much as a bridge. A Narrows Bridge can easily be financed and built now, whereas the higher cost of a tunnel at this crossing cannot be economically justified for financing in our generation.

The proposed Narrows Bridge has been the focus of my life ambition. It is to be the greatest and most beautiful span in all the world. The monumental suspension bridge, spanning the Gateway to America, will be a feature of scenic attraction to all who approach our shores. Its heroic proportions and its lines of beauty will be a source of enduring aesthetic inspiration. In its matchless setting, the arching roadway, high above the harbor, will afford a drive that will be unequalled in the world for its inspiring and scenic value.

For the past twenty years I have been working on studies, plans, and estimates for this bridge. The clear span of this monumental structure will be 4,620 feet, the longest span in the world. In order to clear the highest masts of ocean liners, the roadway will be 235 feet above the high water. The towers, as designed, will be 800 feet high, exceeding the height of the Woolworth Building. The main cables will be 48 inches in diameter, each containing 48,000 wires. The strength of each wire will be 240,000 pounds per square inch. It will represent the highest achievement of engineering progress.

The towers will be of steel, developing the highest artistic possibilities in steel tower design. They will express the spirit of steel, its strength, its power, its grace. The appropriate and expressive vertical Gothic treatment, which lends itself so aptly to the expression of the forces in steel, will be developed in its most beautiful form in the design of these towers.

The proposed Narrows Bridge will be the world's proudest structure. It will not only be a supreme triumph of constructive progress — it will also be "the Bridge Beautiful." The majestic proportions and inspiring beauty of the great span will make it the outstanding symbol of our civilization. It will typify the spirit of America — our aspirations, our striving, our courage, our fulfillment. It will be a world-wide advertisement of this great city and of its communities, and a monument of the initiative and vision of the civic leaders and civic officials who bring this project to materialization.

* During the past year the Richmond County Chapter, New York State Society of Professional Engineers held an open forum, "Trilogy on Transit," designed to call to the attention of the people of Staten Island certain facts pertinent to the long discussed direct connection between Staten Island and New York. The "Narrows Bridge" by Dr. Steinman is the first of two articles on the proposed crossing to summarize the results of our "Trilogy" for the readers of the **Museum Bulletin**.

Raymond J. Reddy.

DISPERSAL AND GERMINATION OF SOME STATEN ISLAND GRASS SEEDS

A. T. Beals

The earliest authentic list of Staten Island grasses was compiled and published by Arthur Hollick and Nathaniel Lord Britton as a part of their booklet, *The Flora of Richmond County*, dated 1879. Their article on grasses lists 90 species in 42 genera. The names of additional grass species have been added to the original list as discovered. The added records have been published in the *Bulletin of the Torrey Botanical Club* and in various publications of the Staten Island Institute of Arts and Sciences.

Many of the grasses of Staten Island, in common with the same or similar species in other regions have developed interesting devices for the dissemination of their seeds. These devices have resulted in their world wide dispersal.

Seeds of water grasses may be carried in mud on the feet of water birds. Some are enclosed in air tight coverings that enable them to float. Darwin made an experiment which shows how widely seed may be carried by water, fishes and birds combined. He threw seed of barnyard grass, *Echinochloa crus-galli*, into a stream, then caught a fish from the stream, and fed it to a stork. He planted the droppings of the stork and barnyard grass came up.

More seeds are scattered by the wind than by any other method. People who have lived in the country have seen tumble weeds, *Amaranthus*, roughly spherical in outline rolling before the wind, scattering seeds as they go. Tickle grass, *Agrostis hiemalis*, witch grass, *Panicum*, and purple love grass, *Eragrostis*, are familiar examples. The diffusely branched panicle breaks away at maturity and is whirled hither and yon often piling up in fence corners.

The commonest device for dissemination by the wind is an attached tuft of silky or cottony hairs. The seeds of the common reed, *Phragmites communis*, plume grasses, *Eriophorum*, brown sedges, *Andropogon virginicus*, and its relatives, and many others float in the air, like thistledown and are carried far and wide by the wind.

Some grasses secure dissemination of their seed by barbed spines and spears that catch on the hair of animals and in the clothing of people. Most needle grasses, *Aristida*, porcupine grasses, *Stipa*, and others that steal rides in this way do no harm to their involuntary carriers but some, like sand burs, *Cenchrus*, barley grasses, *Hordeum*, and certain brome grasses, *Bromus*, are at times injurious. In one of the needle grasses, *Aristida tuberosa*, an annual weedy grass, the seed is borne in a little needle pointed spear with three slender, divergent bristles at one end, as much as four centimeters long. The weight is so distributed that as the little contrivance is blown through the air, one of these three points is always directed forward, ready to strike any animal in its way and thus secure farther transportation. At maturity whole swarms of these seed bodies go scurrying across open places.

Seeds, especially of annual grasses, are produced in far greater numbers than can find places to grow. They fall by chance in all sorts of places and all perish save the relatively few that fall in unoccupied spots that meet their requirements of moisture, temperature, and soil. A seed contains a minute plant, the embryo, which was formed while the seed was still attached to the mother plant. Germination is a continuation of the growth which was interrupted during the period of dispersal. While dormant, most seeds are dry and the seed coat is resistant to moisture, thus preserving the contents. During germination the seed coat swells and allows moisture to enter the seed. The embryo sends out a little root in one direction and a little stem in the other. The grain kernel of the

maize well illustrates these processes because the seed is large and the changes can be followed easily. The nourishment for the embryo is stored mostly as starch, which is insoluble in water and cannot be used directly by the young plant. During germination the starch is converted into soluble sugar which can be transported by the juices of the little plant. This sugar supplies food for the seedling until it is able to get water from the soil through its developing roots and until its leaves turn green ready to manufacture its nourishment from the air by means of the sunlight.

The mechanics of germination in the maize seed are interesting. If the seed lies exposed on a moist surface it merely puts forth a root and a stem. If, however, the seed is buried in the soil the stem would have difficulty in passing up through the soil as the tender tip would be injured. The shoot does not bend and elbow its way up as do peas and squashes and other dicotyledons, but goes straight up, the growing parts, one little leaf rolled up inside another, being contained in a tight pointed sheath, closed at the tip. This sheath (technically the coleoptile), elongates, pushing upward through the soil until it reaches the surface, when its tip breaks and the shoot pushes through. There is, of course, a limit to which this sheath will reach. In most kinds of maize it can grow not more than ten centimeters, though there is a Mexican variety that can grow to the enormous length of twenty-five centimeters (ten inches.)

Darwin says that a traveler should be a botanist as the landscape is so largely composed of plants. To know them adds to the traveler's enjoyment. Both the stay-at-home and the traveler could add to their enjoyment of landscape or garden by some acquaintance with grasses, the study of which is not so difficult as is generally supposed.

DECEMBER NATURE PROGRAM

S. I. MICROSCOPICAL SOCIETY: Dr. William Wiegmann will speak on "How to Mount Mosses for Microscopic Study," at the meeting on Wednesday, December 5 at 8 P. M.

FIELD TRIP: The monthly field trip will be held Saturday, December 8, meeting at the Perine House, 1476 Richmond Road, Dongan Hills, at 2:30 P. M. The walk will proceed over Delaware St., passing the moraine deposits and will continue over Dalemere Road to the stream which drains the Basket Willow Swamp, following this stream to its source where a stand of Christmas ferns has been reported. The trip will be led by Lee A. Ellison and Edwin A. Rundlett.

STUDY GROUP: The study group will meet Tuesday, December 11 at 8 P. M. and will be preceded by specialized work on the Plant Census at 7:15. The committee, of which I. C. G. Cooper is Chairman, invites anyone interested in botany to come at 7:15 to work with the Museum Herbarium.

MEETING: Miss Nieves Ribes, holder of the William T. Davis Natural Science Scholarship, will present a program of microprojection at the regular meeting on Saturday, December 22, at 8 P. M.

WOMAN'S AUXILIARY

The Rev. William Howard Melish, Rector of the Church of the Holy Trinity, Brooklyn, and Chairman of the Religious Committee of the National Council of American Soviet Friendship, will speak on "Russia," at the meeting on Wednesday, December 19, at 11 A. M. Mrs. Jacob Flatow will preside.

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

CALENDAR — DECEMBER, 1945

1—Saturday	— 2:30 P.M.	"Happy the Humbug" Marionette Show, S. I. Day School. See page 22.
2—Sunday	— 3:30 P.M.	Exhibition of Watercolors by Harry De Maine Opening Reception.
4—Tuesday	— 8:30 P.M.	Treble Ensemble
5—Wednesday	— 8 P.M.	S. I. Microscopical Society. "How to Mount Mosses for Microscopic Study," Dr. William Wiegmann.
	— 8 P.M.	Grand Jurors' Association
7—Friday	— 8 P.M.	Section of Art. Life Class
8—Saturday	— 2:30 P.M.	Section of Natural Science. Field Trip. Meet at the Perine House, 1476 Richmond Road, Dongan Hills
10—Monday	— 2 P.M.	Fortnightly Club. Christmas Program, Mrs. Dobson
	— 8 P.M.	Section of Music. S. I. Choral Society
	— 8 P.M.	S. I. Philatelic Society
11—Tuesday	— 7:15 P.M.	Section of Natural Science. Specialized work on Plant Census
	— 8 P.M.	Study Group
12—Wednesday	— 8 P.M.	Section of Photography. Regular Meeting
13—Thursday	— 2 P.M.	W.A.C. Mothers' Club
	— 8 P.M.	Section of Art. Discussion Group.
	— 8 P.M.	Society of Professional Engineers
14—Friday	— 2 P.M.	Richmond County Chapter, D.A.R.
	— 8 P.M.	Folk Dancing. Swedish Folk Dances
15—Saturday	— 8:15 P.M.	Wm. T. Davis Memorial Lecture. Curtis Nagel. "South by Skies," at the S. I. Day School, 45 Wall St., Illustrated by Colored motion pictures with musical accompaniment. See page 22.
16—Sunday	— 3:30 P.M.	Belles Lettres Society. Christmas Program at the home of Mr. and Mrs. L. H. Hartley Smith
17—Monday	— 8 P.M.	Section of Music. S. I. Choral Society
18—Tuesday	— 8:30 P.M.	Treble Ensemble
19—Wednesday	— 10:30 A.M.	Woman's Auxiliary. Business meeting
	— 11 A.M.	Program. Rev. William Howard Melish will speak on "Russia."
21—Friday	— 8 P.M.	Section of Art. Life Class
22—Saturday	— 8 P.M.	Section of Natural Science. Regular meeting. Microprojection by Nieves Ribes
25—Tuesday	—	Christmas. Museum closed
28—Friday	— 8 P.M.	Folk Dancing. Swedish Christmas Party

Junior Museum

Clay Modeling.....	Tuesdays	3:30 to 5 P.M.
Folk Dancing.....	Wednesdays	3:30 to 5 P.M.
Nature Study.....	Thursdays	3:30 to 5 P.M.
Movies.....	Fridays	4 P.M.
Painting and Drawing.....	Saturdays	10 to 12 noon
Stamp Club.....	Saturdays	10 to 12 noon
Microscopy.....	Saturdays	10 to 12 noon

The Museum will be closed Christmas and New Year's Days.

MUSEUM BULLETIN

VOLUME XXVIII, No. 4 — JANUARY, 1946



OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

JANUARY INSTITUTE MEETING
"HOW I TAKE PRIZE PORTRAITS"

Olga Emma Irish, F.R.P.S., A.P.S.A.

Saturday, January 19, 1946, 8:15 P. M.

at the S. I. Day School

Mrs. Irish is a Fellow of the Royal Photographic Society of Great Britain, an Associate of the Photographic Society of America, and has gained international recognition for her excellent portraiture. By use of a variety of backgrounds, lights and models (photogenic, of course) she will demonstrate to the audience the factors which contribute to her pictorial success. This demonstration offers to the people of Staten Island a rare opportunity to learn about and appreciate good photographs.

PHOTOGRAPHY AS A HOBBY

Olga Emma Irish

My advice to anyone anticipating photography as a serious hobby is first to consult a teacher in order to have help in buying the camera which will give best results in the specific branch of work to be undertaken.

An amateur photographer has a wide choice of fields of major interest: pictorial outdoor work, pictorial portraiture, portrait photography, documentary work of many kinds, closeups, such as flowers, animals or birds, table tops or, perhaps the most frequent, the family album.

It is a wise idea, as you can see, to think a bit before leaping, and to buy the equipment best suited to your own interests. It is, naturally, impossible to do all of the many kinds of photography with one camera. It is a fact little realized that a miniature camera really requires the knowledge of an advanced student. Oddly enough it became the fashion a few years back for almost all beginners to attempt work with this more difficult instrument.

For my own field I chose pictorial photography including pictorial portraiture and straight portrait photography. I work with a 2 1/4 x 2 1/4 Rolleflex, a 4 x 5 Speed Graphic and a 5 x 7 portrait camera. In this way almost all my needs can be covered.

Since I already had a home too full of things, I did not want many pictures. I had no interest whatever in family albums and travel had ceased. My decision was to become an exhibitor.

Various temperaments may undertake this arduous task; the chief thing is to "know thyself" before beginning. I can illustrate my meaning by comparing myself to one of my good friends also in the field. I happen to have infinite patience, a nature which is never satisfied with my own work and a yen for the highest standards bordering on that dangerous, undesirable and boring quality



IMMACULATA

by

Olga Emma Irish, F.R.P.S., A.P.S.A.

This portrait study is in the permanent collection of the
Royal Photographic Society in London.



of perfection. I must always force myself to stop. Even to this day when Mr. Lutens, who passes on all my work, pronounces a picture of mine excellent I still want to reprint it because one corner may be flashed three seconds too much or too little. I realize this approach is extreme and dangerous for it well could defeat one's pleasure.

However, my method is to plan, minutely, no more than three salon pictures a year. Each one, in my own mind, is already 99% certain of acceptance by the judges even before I start exposures; I see it completely framed or ready for hanging. So far I have succeeded that way. And let me mention here, judges are tough and I become discouraged at rejects, so I try not to lay myself open to them.

Conversely, my good friend has a diametrically opposite temperament and approach. She has a scintillating imagination, a flare for thinking of clever titles. She sees a dozen pictures a day in her own mind. She must, of necessity, work fast to keep up with herself. She has mastered the miniature camera with which she works exclusively. She takes hundreds of pictures a year and her extreme originality compensates for losses she suffers through her strictly miniature work. She doesn't care if she gets rejects. At the end of the year she, too, has made about three pictures acceptable to the judges.

Which is the more difficult. Neither. We both work at it constantly, our results are about the same in the few chosen for quality. I expose 100 negatives to attain one picture; she exposes one negative for each of 100 pictures. We each hang three pictures annually.

I can sum up by quoting my good friend, Fernand Bourges, who recently said to me. "You've been at this work for four years; I've been at it forty. And I'll wager that after you have thirty-six more years of it you'll say as I do, 'in photography it's a case of choose your own poison and go to it'."

THE STATEN ISLAND CAMERA CLUB
cordially invites you and your friends
to the OPENING RECEPTION of the
ANNUAL EXHIBITION OF PHOTOGRAPHS BY MEMBERS
in the Gallery of the Museum on
Sunday, January 13, 1946 at 3:30 P. M.



STATEN ISLAND CAMERA CLUB MEETINGS
Held on the 2nd and 4th Wednesday of each month
in the Museum at 8:30 P. M.

January 9

Plans for the Annual Exhibition will be completed

January 23

Print Competition

Wallich's Camera Shop is offering 3 prizes of photographic supplies to the winners in both the A Class and the B Class. The prizes will be displayed in the store window at 1025 Castleton Avenue during January, and the winning prints will be shown there from January 25 to the end of February.

MUSEUM BULLETIN
of the
Staten Island Institute of Arts
and Sciences

Vol. XXVIII, No. 4 January, 1946

Published monthly, except June, July and August, by the Staten Island Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island, N. Y. and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912.

ROSWELL S. COLES, *Editor*

**PHOTOGRAPHY,
ONE OF TOP FIVE**

Photography—the science, the profession, the hobby — is headed toward a cherished niche among the first five greatest American industries.

Since that eventful day when Daguerre first achieved the capture of an image by photochemical means, down through its one hundred odd years, photography has gradually moved, skidded and more recently zoomed ahead. From the day when it was more a curiosity than a science or an art, photography has grown so important in our lives that it has become actually a necessary part of living. The scope of photography has become limitless.

Once frowned upon by artists as a mechanical process, photography has been, for the most part, accepted as an art and indeed some of the leading art schools now have courses in photography. More than one artist has given up the paint brush and palette for the more profitable camera. More than one artist has relied upon the camera to record the fine details of a scene and later used the photograph as a guide in making his painting. Now with the emphasis on full color photography, artists find the camera a valuable asset for not only will it capture the scene

in all details, lights and shadows — but also in its colors. What better means has an artist, forced indoors by bad weather, to make a brilliant canvas of an actual scene than to work from an illuminated, full color transparency?

Without photography our victory over the Axis may have never come about or may have been seriously delayed. In any event we can truly say that photography played a major role in our victory and saved countless thousands of lives. General "Two Gun" Patton once remarked, "I wouldn't think of moving a single troop or armored vehicle until I had reconnaissance photographs of the area into which I planned to advance."

In every phase of warfare photography played a part, from training of men through the dissemination of news. In the latter classification we had our combat photographers and war correspondent photographers who braved the hazards of combat to bring to us at home, the true picture of war.

Staten Island can proudly say it fostered the world's first combat cameraman, Mathew Brady! Staten Island can proudly say that a number of its sons in this war were combat photographers.

The impetus given to photography by this war has been tremendous. New developments and discoveries, including television, assure a continued growth of the field. So great is the potential scope of photography that predictions voiced by persons who know, say that photography will soon be one of America's top five industries.

Riding along on the crest of the wave is the Staten Island Camera Club, the island's only organization for still photography fans. Its members are working, hand in hand with the Institute, to aid in the growth of photography — the science, the profession, the hobby — into its powerful and deserved position among the leaders.

Ed. Hannigan. -

WAR PHOTOS IN CAMERA CLUB EXHIBIT

Ed. Hannigan

Photographs with a message to all who view them, a message "to stamp out hatred throughout the world," will be a special feature of the annual exhibit of the work of the members of the Staten Island Camera Club which



Kenneth H. Adams

Emperor's Palace, Tokyo, in background

will be on display in the Art Gallery of the Institute January 13, through February 13, 1946. The pictures will be a group of war photographs taken by two of the members, who, now back in civilian life, donned military garb to serve this country.

Through the cameras of Sgt. Kenneth Adams of Westerleigh, and Warren Condit of Grasmere, history as they saw it has been chronicled — captured in every fine, stark detail. A selection of more than twenty of their photographs will make up the special group of prints.

Ken Adams, recently returned to civilian life, arrived home to greet his wife Gertrude, his son Ken Jr., and his eleven months-old daughter Peggy Lou, whose arrival came after her dad had gone overseas. With more than two years in the Army Signal Corps, Ken saw action in the Philippines, Okinawa and on the Japanese main island of Honshu. He made some of the last pictures of Ernie Pyle, the beloved war correspondent, alive.

Warren Condit was one of the first Islanders in active service and before

he was detached from service with the Navy, he had piled up five years aboard destroyers, submarine chasers and a destroyer escort. He has three rows of campaign ribbons denoting service in the North Atlantic, the Mediterranean, and the Pacific and numerous battle stars and arrowheads for invasions of North Africa and other E.T.O. and Pacific areas.

Condit, chief radio operator aboard the DE George A. Johnson, carried his cameras wherever his ship went. He made pictures for his own satisfaction and some of his shots rank well with those of official combat photographers.

Though the emphasis is placed on the special war photographs, the majority of prints shown are those made by other members whose pursuits have been along more peaceful lines during the war. Approximately seventy-five pictorial, portrait, humorous, still life and unusual pictures will be on display. Among the members with prints are: Oliver Balmer, William Y. Daly,



Warren L. Condit

Photograph taken in Bizerte

Carl J. Dolisi, Mrs. Evelyn Ellis, W. Louis Ellis, Thomas J. Fisher, Maxwell Goldberg, Edward Hannigan, Walter F. Herold, William Hunn, Henry Koenig, Michael Koledo, John Murray, Alfonso Wallich, Mrs. Anne Warne, Herbert Warne.

FLOWERS OF OUR FIELDS

I. C. G. Cooper

A study of fossils tells the story of an extremely long and continuous growth and variation of plant life. Only the most ancient rocks fail to show some trace of vegetation. The earliest plants were probably seaweeds. Through many centuries of evolution there followed an increasing variety of plants and trees which filled the lush forests and swamps and became the materials from which were formed our extensive coal fields.

Those plants were not like those we see to-day but were nevertheless the ancestors of them. The fossil record shows that the most abundant forms were the forerunners of our present mosses, groundpines, ferns, horsetails and cone bearing trees. The conifers were very numerous and their development together with continued expansion of the lower forms truly made for a "green earth" — but there was not a flower among them.

Approximately at about the time of the Age of the Great Reptiles there began to appear on the earth, plants that bore flowers and which produced seeds of a different character from the naked seeds of the conifers. Then started a line of changes which reduced the descendants of the cone bearers to less than four hundred species of pines, firs, spruces, hemlocks and cedars which exist to-day and produced an ever increasing wealth of flowering plants, now known to exceed one hundred and thirty thousand species, ranging in size from not much above microscopic to that of the giant hardwood trees of the tropical forests.

Plants, like animals, are subject to a law of the "tooth and fang." Only those which can adapt themselves to changing conditions of climate and other factors will survive. Unlike animals, plants cannot move away when the surroundings become intolerable. They can, however, by adaptation of their structure, means of reproduction and method of seed dispersal, carry their basic types down through ages. One can follow the changes in the vegetation of an area even within the span of one human generation. Man himself causes many of these changes on a modest scale. By tillage, lumbering, drainage and the encroachment of dwelling and manufacturing activities he produces local conditions intolerable to some kinds of plants, which lessen in number or die out, while others, more able to withstand the conditions, spring up to take their place.

It is evident that not so very long ago Staten Island was extensively wooded and possessed a rich and varied flora. It is a place where southern types mingle with northern varieties of plants. In the years between 1879 and 1910, Drs. N. L. Britton, A. Hollick, P. Dowell and A. J. Grout with Mrs. Britton and William T. Davis, enumerated from their own observations and other records the attractive total of about thirteen hundred species in the area.

In the subsequent thirty-five years, encroachment of city conditions and all that goes with it, such as fires, drainage changes, manufacturing fumes and vandalism have caused severe losses. However, there have been some gains. It is considered that it is time to re-examine our possessions in this field and the Natural Science Section of the Institute has appointed a Plant Census Committee for the purpose of co-ordinating the observations of those at present interesting themselves in our flora.

The Committee proposes to re-build the Museum's herbarium, but not at the risk of the extermination of any species. It believes that a flower in the field is worth two on a card. It is therefore more interested in learning where a plant may be seen in its natural state than in having it picked and brought to

the museum for identification. A growing, blooming plant is easier to identify than a shrivelled and wilted dead one.

The task of finding, classifying and listing our flowers will extend over several years. We have over three hundred new observations, but in order to have a complete picture of the species and their distribution we must collect many thousands of such records.

As an aid to understanding the range and types of our flora a small group meets in the Museum, usually on the second Tuesday of each month, for special study. Any persons interested in having a broader knowledge of our local plants or giving some help to our project will be welcome at these meetings of the study group.

It is hoped in future articles under the same title to outline some of the topics studied but those notes will be of most value to those folks who have attended the meetings. In the next *Bulletin* it is proposed to describe a few local descendants of the earliest flower forms.

JANUARY NATURE PROGRAM

Mr. Robert O'Connor will speak on "A Review of Staten Island Mycetoza" at the meeting of THE STATEN ISLAND MICROSCOPICAL SOCIETY to be held in the Museum Library, Wednesday, January 9, at 8 P. M.

The FIELD TRIP will be held on Saturday, January 12, meeting at the front entrance of Barrett Park Zoo at 2:30 P. M. Trees and shrubs and winter bird life on the Zoo grounds will be studied. If weather permits the walk will continue to the proposed site of the new Museum at Clove Road and Martlings Lane and on through Clove Lakes Park to Sunnyside.

Supplementing the Field Trip the STUDY GROUP will meet in the Museum on Tuesday, January 15 at 8 P. M. At 7:15 the same evening the PLANT CENSUS COMMITTEE will gather for work on the Museum Herbarium.

The ANNUAL MEETING and Election of Officers of the Section of Natural Science, formerly the Bird and Nature Club, will be held on Saturday, January 26, at 8 P. M.

On December 23, 1945, the ANNUAL CHRISTMAS BIRD CENSUS was taken under the leadership of Howard H. Cleaves. Those taking part in the census were: William Astle, Casimer Redjives, Howard Cleaves, Lee A. Ellison, and George Wilmott. A complete tabulation of the birds seen will be published in the Museum Bulletin for February, 1946.

WOMAN'S AUXILIARY

On Wednesday, January 30, at 11 A. M. Miss Marie Lefebvre, formerly liason officer of the International League of Aviators, Paris, and now with the Celanese Corporation of America, will speak on "Facts about Fabrics." Mrs. Jacob Flatow, Auxiliary President, will preside.

MEMBERSHIP

We welcome the following as annual members of the Institute: A. T. Beals, Warren Condit, Dr. Joseph H. Diamond, Mrs. Doris Leonard, Mr. and Mrs. William A. Lumsden, Mrs. W. A. Scheuch and Vanio Zarrilli. We also welcome the following Principals of Staten Island schools: Miss Mary A. Desmond, P. S. 42; Miss Margaret Fisher, P. S. 12 and Mrs. Elsie G. Rouse, P. S. 29.

It is also a pleasure to welcome back to civilian life Warren Condit and Kenneth Adams, already referred to in our Camera Club article, and James Frampton, Alfred McNamara and Robert O'Connor. We hope these ex-service men will again become as active as they were in pre-war days.

Mrs. Charles A. Ingalls, for many years a most active and loyal member of the Auxiliary, died on Staten Island November 30, 1945. We extend our sympathy to Mr. Charles A. Ingalls, our Institute Treasurer from 1916 to 1940.

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

CALENDAR — JANUARY, 1946

1—Tuesday	—	Museum closed.
4—Friday	— 8 P.M.	Section of Art. Life Class
7—Monday	— 8:15 P.M.	S. I. Oratorio Society
8—Tuesday	— 8:30 P.M.	Treble Ensemble
9—Wednesday	— 8 P.M.	S. I. Microscopical Society
	— 8:30 P.M.	Section of Photography
10—Thursday	— 1 P.M.	W.A.C. Mothers' Club
	— 8 P.M.	Society of Professional Engineers
11—Friday	— 8 P.M.	Folk Dancing
12—Saturday	— 2:30 P.M.	Section of Natural Science, Field Trip. Meet at Barrett Park Zoo, 2:30 P. M. See page 35
13—Sunday	— 3:30 P.M.	Section of Photography, Reception and Opening of Annual Exhibition. See page 31.
14—Monday	— 8 P.M.	S. I. Philatelic Society
	— 8:15 P.M.	S. I. Oratorio Society
15—Tuesday	— 7:15 P.M.	Specialized Study on Plant Census. See "Flowers of our Fields," by I. C. G. Cooper, page 34.
	— 8 P.M.	Nature Study Group
	— 8:30 P.M.	Treble Ensemble
17—Thursday	— 1 P.M.	Seaman's Church Institute
18—Friday	— 8 P.M.	Section of Art. Life Class
19—Saturday	— 8:15 P.M.	Institute Meeting. Mrs. Olga Emma Irish will speak on "Portrait Photography." At the S. I. Day School. See page 30.
20—Sunday	— 3 P.M.	Bélles Lettres Society, at the home of Mr. and Mrs. Walter Kuhn. "American Drama of the 1850's," Dr. Ida Everson.
21—Monday	— 8:15 P.M.	S. I. Oratorio Society
	— 8:15 P.M.	Trustees' Meeting
22—Tuesday	— 8:30 P.M.	Treble Ensemble
23—Wednesday	— 8:30 P.M.	Section of Photography. Print Competition. See page 31.
25—Friday	— 8 P.M.	Folk Dancing
26—Saturday	— 8 P.M.	Section of Natural Science Meeting. See page 35
28—Monday	— 2 P.M.	Fortnightly Club. "Paul Revere and the World He Lived In," by Esther Forbes. Mrs. Moller.
	— 8 P.M.	S. I. Philatelic Society
	8:15 P.M.	S. I. Oratorio Society
29—Tuesday	— 8:30 P.M.	Treble Ensemble
30—Wednesday	—10:30 A.M.	Woman's Auxiliary Business Meeting.
	—11 A.M.	Program. See page 35.

During January a special exhibition of paintings by members of the Section of Art of the Institute will be shown in the Public Library, St. George, through the courtesy of Mrs. William Erath, Librarian. Mr. Armen E. Darson arranged the exhibition.

Junior Museum

Clay Modeling.....	Tuesdays	3:30 to 5 P.M.
Folk Dancing.....	Wednesdays	3:30 to 5 P.M.
Nature Study.....	Thursdays	3:30 to 5 P.M.
Movies.....	Fridays	4 P. M.
Painting and Drawing.....	Saturdays	10 to 12 noon
Stamp Club.....	Saturdays	10 to 12 noon
Microscopy.....	Saturdays	10 to 12 noon

MUSEUM BULLETIN

VOLUME XXVIII, No. 5—FEBRUARY, 1946



OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

BIRDS AT CHRISTMAS

Howard H. Cleaves

A truly venerable institution is the annual Christmas Bird Census conceived and launched forty-five years ago by the late Dr. Frank M. Chapman who was regarded by many as the father of popular bird study. Dr. Chapman, for many years head of the bird department at the American Museum of Natural History in New York, originated and for many years edited the magazine *Bird-Lore*, now called *Audubon Magazine*, in the January-February issue of which the results of the Christmas bird census are published each year. Staten Island's William T. Davis was the first subscriber to *Bird-Lore*, a circumstance which Mr. Davis took pleasure in relating to this writer more than once. Said Mr. Davis, "Dr. Chapman came over to Staten Island and we went afield together. He desired to hear the song of the Wilson's thrush or Veery, and his wish was gratified. During our walk Dr. Chapman mentioned that he was contemplating the publication of a popular magazine about birds and asked for my opinion on the matter. I expressed my approval and asked what the subscription rate would be. He said he thought a dollar a year. On the spot I took out a dollar bill, handed it to him and told him to make me subscriber number one."

Staten Island has been represented in these annual winter bird counts many times, as it was again in 1945. The date chosen for the effort was December 23, Sunday. Despite a temperature of only 9 degrees above zero in early morning and a high for the day of plus 24 degrees F., with a twenty-five-mile-an-hour northwest wind blowing across a landscape blanketed by ten inches or more of snow, the island's reputation as a good place for bird life, at all seasons, remained intact. Forty-seven different species of birds were observed during the day and approximately eleven thousand individual birds recorded. Taking part in the census were William A. Astle and Casimir F. Redjives of Long Island, N. Y., Howard Cleaves, Lee A. Ellison and George B. Wilmott of the Staten Island Bird and Nature Club. The birds listed by these census takers were:

Horned Grebe, 16; Black-crowned Night Heron, 1; Black Duck, 468; Canvas-back Duck, 1; Scaup Duck, 3061; American Golden-eye Duck, 6; Buffle-head, 19; Old-squaw, 16; Hooded Merganser, 1; Sharp-shinned Hawk, 1; Cooper's Hawk, 3; Red-tailed Hawk, 1; Red-shouldered Hawk, 4; Rough-legged Hawk, 2; Marsh Hawk, 4; Sparrow Hawk, 2; Ring-necked Pheasant, 2; Great Black-backed Gull, 12; Herring Gull, 6329; Ring-billed Gull, 1; Bonaparte's Gull, 100; Mourning Dove, 2; Snowy Owl, 3; Hairy Woodpecker, 1; Downy Woodpecker, 5; Phoebe, 1; Horned Lark, 20; Blue Jay, 1; Crow, 48; Black-capped Chickadee, 27; White-breasted Nuthatch, 6; Robin, 9; Pipit, 2; Starling, 393; English Sparrow, 52; Red-winged Blackbird, 1; Cardinal, 18; Pine Siskin, 5; Goldfinch, 22; Ipswich Sparrow, 1; Savannah Sparrow, 1; Slate-colored Junco, 87; Tree Sparrow, 129; White-throated Sparrow, 18; Fox Sparrow, 1; Swamp Sparrow, 5; Song Sparrow, 30.

The Canvasback Duck seen off Ward's Point is a rarity in Staten Island waters, the only individuals of this species observed here previously by this writer

(Continued on page 44)

FEBRUARY INSTITUTE MEETING
SATURDAY, FEBRUARY 16, 8:15 P. M., AT THE
STATEN ISLAND DAY SCHOOL



MAXIMILIAN A. RASKO

On February 16, 1946, at 8:15 P. M. a lecture demonstration will be given by the noted Hungarian-American portrait painter Maximilian A. Rasko at the Staten Island Day School on the occasion of the regular meeting of the Staten Island Institute of Arts and Sciences. The title of the lecture will be "I dare to speak on Art." After his talk Mr. Rasko will continue with a demonstration, choosing a member of the audience as his subject.

Mr. Rasko has behind him years of study at Art Academies in Munich, Vienna, Rome, Dresden and Paris. He has painted portraits of such prominent people as President Harding, President Roosevelt and many members of European royalty. He has been decorated with awards in recognition of the artistic merit of his work by Bulgaria, Portugal and France. His point of view combines the best elements of traditional and modern thought and his demonstrations are helpful in not only the practical sense, but also from an intellectual standpoint. This lecture will be of interest not only to artists but to all members of the Institute.

Guests are always welcome at any Institute Program.

MUSEUM BULLETIN
of the
Staten Island Institute of Arts
and Sciences

Vol. XXVIII, No. 5 February, 1946

Published monthly, except June, July and August, by the Staten Island Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island, N. Y. and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912.

ROSWELL S. COLES, *Editor*

PHOTOGRAPHY AND ART

There are many reasons to welcome the prospect of photography becoming one of the five greatest American industries. Many of these were mentioned by Mr. Hannigan in the January *Museum Bulletin*.

A world-wide flood of good, cheap photographic equipment might also mean fewer men viewing a large bank account as the sole purpose in life and pushing others around to get it; more and more may drop the sporting rifle to hunt with the camera. Then there is the tremendous part that photography will take in the development of science, the revealing of data that cannot be known in any other way. Visual education, in all the corners of the world, is bound to play a greater part in our lives.

The educational and hobby aspects alone make this prospect attractive and exciting. But as an artist and a socially-minded citizen I face certain questions which leave me somewhat troubled. If photography becomes one of America's five greatest industries, will this mean, as it should, a few steps towards a better facing of realities and clearer, more rational thinking? Or will it mean only the propagation and preservation of our old artistic fictions and the development of new ones?

Photography is a tool. Its improper use might deeply entrench for many centuries certain fictions of art which have come down to us artists, fictions which have no place in the scientific age which has produced the camera.

If photographers will take as their guide the scientific worship of truth, and particularly the truth of particular light effects and try to conquer these in their pictures they will be in step with the big men of painting, the great realists Velasquez, Rembrandt, Constable, Corot, Manet and others who left their art more vital than they found it.

On the other hand, if the great photographic industry by its propaganda produces a world-army of art photographers, who, like many artists today, rate truth of eyesight as of little or no importance in art, then when men of great artistic calibre do occur again they will find it much harder to enrich the lives of their fellow man by their discoveries.

If the photographic industry produces new millions of enthusiasts in the exploration of realities it will make a great contribution to both art and science. Many new millions will know the sustained delights of real mental adventure. But I dread the possibility of those same millions flirting with art in her weaker moments, as it is so often expressed in today's "Modernism," and thus becoming only a new force in the disintegration of artistic integrity.

PERCY LEASON

MEMBERSHIP

We wish to welcome Mayor William O'Dwyer and Borough President Cornelius A. Hall as Trustees ex-officio of the Institute of Arts and Sciences.

On January 21, the Board of Trustees of the Institute elected Joseph A. Palma a Trustee to fill the unexpired term of Mr. Hall. We are grateful to both Mr. Hall and Mr. Palma for continuing their interest in the Institute and Museum.

Five new annual members have been added during the month: Fred J. Gorchess, Mrs. Margaret M. Martin, Joseph A. Palma, Mr. and Mrs. Maxwell Reiskind.

The Institute extends sympathy to Mrs. Corinne Vitt and family in the passing of Harry Vitt, an annual member.

AN EXHIBITION OF RARE LITHOGRAPHS

Janet B. Ross



"WATER MILL" by BASS OTIS, 1819

The first lithograph produced in this country

An exhibition of twenty-eight rare lithographs from the retrospective collection belonging to the Fuchs and Lang Division of the Sun Chemical Corporation will open with a reception in the Gallery on February 17 at 3:30.

That lithography is an art has long been demonstrated in the work on stone by many famous painters, draughtsmen and others of past generations whose prints now form a part of the treasures of public and private collections. In our exhibition lithographs of Audubon, Delacroix, Bonheur, Rubens, Sargent and others are shown.

Many of these lithographs are very early examples of this method of artistic reproduction. Particularly interesting is "A Water Mill" by Bass Otis, published in the *Analectic Magazine* for July, 1819. This is the first lithograph done in this country.

Lithography was invented in Munich in 1798 by Aloys Senefelder. Before the coming of modern printing methods, lithography, steel engraving and woodcuts were the chief means of reproduction. However, lithography was never used as extensively as steel engraving or the woodcut because of mechanical difficulties involved.

ART NOTES

The Rotary Exhibition Committee, Armen E. Darson, Chairman, has arranged an exhibit of photographs from the Annual Exhibition of the Staten Island Camera Club which will be shown in the St. George Public Library from February 18 to March 18.

The exhibition of paintings now hanging in the Library will be transferred to Wagner College for one month beginning February 16.

The Kraushaar Galleries, 32 East 57th St., New York, held a one man show of gouaches by Cecil C. Bell from November 26 to December 15, 1945.

RECENT ACCESSIONS

The work of adding to our museum collections is sometimes overshadowed by other activities, particularly since lack of space makes it difficult to display many new objects properly. However, we acknowledge with thanks the donation of the following objects:

Art: three paintings and two fans, Mrs. Ronald Oliphant; print of old Staten Island scenes, Ernest Schroeder; gold watch, eight pieces of furniture, pictures and bric a brac, bequest of William T. Davis; watch and ten antique objects, Mrs. Edward C. Philip.

History: sampler made in 1782, Mrs. Isabel Blue; three Staten Island cancellations and one photograph, Elliott Burger; eleven watch works, John Koestner; eleven watch works, estate of Olaf E. Giset, through Mr. Herman Naess; four watch works, Mr. Herman Naess; five centavo note from Philippine guerilla forces on Leyte, E. J. Collins, U.S.N.R.; one peso Japanese invasion note, Capt. Robert E. Johnson; ship model, Ernest Schroeder; chuck wagon model, Mrs. Ronald Oliphant; World War I poster by E. M. Ashe, Edward Stothers.

Natural History: Mexican oil jug, Mrs. Ruth Egan; skin of boa constrictor, Mrs. T. N. Garson; collection of seeds made by Katherine Dorr, Mrs. Raymond Safford; winter bird group, Mrs. Harrison Tweed.

Books: "C.D.V.O. Index of Recreational Activities in New York City, 1944-1945," Mrs. Robert E. Carew; "Chemical Encyclopedia", Lee A. Ellison; catalogue of the "Skinner Collection of Musical Instruments," Ernest L. Jansen; "Art Journals" of 1851 and 1853, Mrs. Nora S. Knoble; "American Miniatures," Jean Leason; "Political Works of Daniel Pelton," Miss L. Warth; "Fossil Non-Marine Mollusca of North America," Mrs. Edgar Sleight; "Three American Microscope Builders," Frank A. Strauss; "American Ceramics", the Brooklyn Museum.

Purchased through the John J. Crooke Fund: "Pioneering with Wild Flowers," "Plants of Hawaii National Park," "Story of New Jersey," "Weeds of Lawn and Garden."

THE NEW MUSIC SEASON

Following the performance of Mendelssohn's "Elijah" on November 30, 1945 the Choral Society formally organized itself as the Staten Island Oratorio Society as it was felt that the great oratorios should represent the group's chief contribution to Staten Island music.

At a meeting on January 28, 1946 the following officers were elected: Mark B. Kerr, President; Dr. John Bacher, Vice President; Miss Louise Simmons, Secretary-Treasurer; Miss Cornelia Borgemeister, Librarian. The Executive Committee consists of the officers, and Ernest Jansen, Music Director. Miss Marjorie Sunderman, Assistant Director, Roswell S. Coles, Director of the Institute and Mrs. Willard M. Grimes, representing the Institute Board of Trustees.

Rehearsals for Verdi's "Requiem," to be sung in Latin, will take place each Monday at 8:15 in the Museum. Anyone wishing to take part in this performance is urged to join the Society immediately.

A performance of selections from the "Passion" and the "Elijah" will be given at the Messiah Lutheran Church, Jefferson Blvd. and Lamont Ave., Annadale, on Sunday, March 10 at 8 P. M.

OUR EDUCATIONAL PROGRAM

Elizabeth R. Parke

In addition to the regular meetings of sections and clubs which, in a very real sense are educational, the following formal program has been set up for the new term.

For teachers: A new alertness credit course **Techniques and Drawing of the Figure in Life** will be offered in connection with the Life Class which has been held by the Section of Art for the past year and a half. Percy A. Leason will instruct. The course is limited to 15 students and the student must provide his or her own materials; however no previous experience will be required. A \$5.00 model fee will be charged. The class will be held in the Museum from 8 to 11 P. M., Friday evenings, on the following dates:

Introduction

February 15, Lesson 1—Methods of approach to the figure as form and composite forms in space.

Values

March 1, Lesson 2—Values, use of pencil
March 15, Lesson 3—Values, use of charcoal

Translation of values into color

March 29, Lesson 4—Use of crayon
April 5, Lesson 5—Use of pastel
April 12, Lesson 6—Use of oil
May 3, Lesson 7—Gouache
May 17, Lesson 8—Watercolor
June 1, Lesson 9—Watercolor

Examination

June 15, Lesson 10—Practical application of one of the mediums studied.

For Young People: The following illustrated talks will be given by Mr. Napier in Staten Island school assemblies.

Spring Flowers	Marine Invertebrates
Trees of the Vicinity of New York	Amphibians and Reptiles
Song Birds of Staten Island	Snakes
Shore Birds of Staten Island	Insects of Staten Island

Prehistoric life

In addition, the museum collection of moving pictures, lantern slides and loan material is available for classroom use. Arrangements for school lectures or loan material should be made in advance.

In the Museum: A more extensive program is available to classes visiting the museum including opportunities to utilize our collections. Teachers wishing such a program should make arrangements in advance but classes are always welcome at any time.

Regular Junior Museum classes for young people will continue as follows:

Clay Modeling.....	Tuesdays	3:30 to 5 P.M.
Folk Dancing.....	Wednesdays	3:30 to 5 P.M.
Nature Study.....	Thursdays	3:30 to 5 P.M.
Movies.....	Fridays	4 P. M.
Painting and Drawing.....	Saturdays	10 to 12 noon
Stamp Club.....	Saturdays	10 to 12 noon
Microscopy.....	Saturdays	10 to 12 noon

These classes are free but there is a small charge for materials used.

BIRDS (continued)

having been noted during the record breaking cold spell in the winter of 1917-18. The Hooded Merganser is another duck rarity for Staten Island. It is encouraging to note even a slight increase in the numbers of a beautiful duck like the Bufflehead or Butter Ball, and the same can be said of the Oldsquaw. On the other hand, Scaup Ducks are present in smaller numbers this winter than last at Prince Bay.

Cause for the greatest thrill to those who saw them were the Snowy Owls from the Arctic regions, an irregular caller at the island. Redjives reported two of these birds from the Oakwood Beach area, and the writer saw one of the owls perched atop a dead oak tree at deep dusk where the garbage fill operations are at present actively in progress at Great Kills. The roar of bulldozers and tractors close by and the clang of the gondolas as the garbage was spilled out appeared to disturb the great white bird from the north not at all. It is almost certain that he stationed himself in such uncouth surroundings for the very good and practical purpose of capturing rats attracted in numbers to the unprecedented banquet being provided for them at the Kills.

Notwithstanding the presence of the white owls from Eskimo land, this observer feels that the day's prize oddity was a flycatcher called the Phoebe, a frail creature about the size of a sparrow entirely dependent upon insects for food. Yet there was a Phoebe perched on slender weed stems above a small pool of open water completely surrounded by deep snow, the temperature only a few degrees above zero. A strong wind drifted the snow across the open fields nearby, but the bird uttered little cheery notes and dipped down to the surface of the cold water repeatedly in quest of minute, undetermined items of food. The scene was made more grotesque by the presence in the pool of a single female Scaup duck that swam back and forth within a few feet of the expendable little Phoebe which has no logical business to be on Staten Island in December.

ROBERT HAGELSTEIN

MAY 16, 1870 — OCTOBER 20, 1945

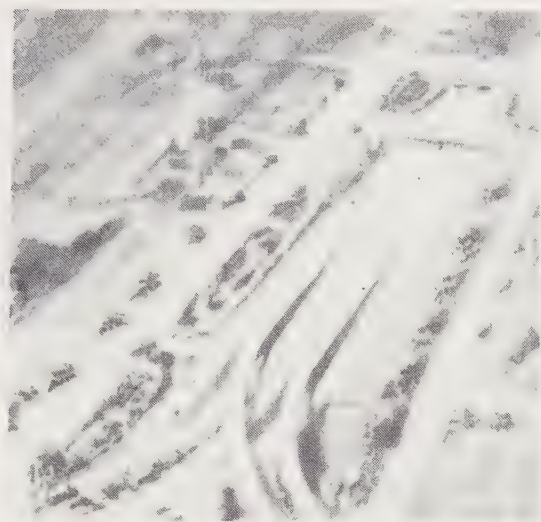
Honorary Curator of Myxomycetes, New York Botanical Garden

Joseph F. Burke

Robert Hagelstein, born in New York, combined with an active business career a life-long interest in natural science. Retiring twenty years ago from business, he devoted himself entirely to his scientific studies. Through association with Dr. Nathaniel Lord Britton he participated in the Scientific Survey of Puerto Rico, contributing papers on the diatoms and on the myxomycetes. In his latter years the myxomycetes became his all-absorbing study, culminating with the publication in 1944 of his book, "The Mycetozoa of North America." This interesting group of organisms known to botanists as *myxomycetes* and to zoologists as *mycetozoa* was the subject of his talk before the Section of Natural Science, Staten Island Institute of Arts and Sciences, on May 5, 1937. Two members of the Institute became interested through him in this group. Ruth Nauss and Robert O'Connor, both publishing on their studies. Mr. Hagelstein accompanied our collectors on a Staten Island field trip and passed on all the material collected on Staten Island, which formed the basis of the report on Staten Island Mycetozoa published in the Proceedings, Vol. VIII, October-May 1938. His close association with several of our members and his interest in our activities makes his passing a distinct loss.

THE CASE FOR A NARROWS TUNNEL*

Raymond J. Reddy



PROPOSED APPROACH TO BROOKLYN TUNNEL FROM ROSEBANK, S. I.

A vehicular tunnel across the Narrows, linking Staten Island and Brooklyn, is part of the Master Plan of the City of New York. Such a tunnel, together with the Shore Parkway, Gowanus Parkway and the Brooklyn Battery tunnel, will provide a 16 minute trip from Staten Island to Manhattan, half the time now necessary to travel by ferry.

Tunnels are paid for by the people using them. The toll charge has been estimated to be apprixamety 40 cents per vehicle, and with a toll of 25 cents in the Brooklyn Battery tunnel, a combination at 60 or 55 cents per vehicle would be possible. A large traffic can be expected from Brooklyn, southern Long Island and New England because of a nine-mile cut-off to points in the south and west with avoidance of traveling through the congested section of the Metropolitan area. The residential and commercial development of Staten Island will be stimulated by a vehicular tunnel, and its value to the National System of defense Highways would be enormous. The War Department has indicated a favorable attitude towards the construction of such a tunnel.

Existing tunnels show that they do not wear out and will remain good for hundreds of years. A tunnel is buried in the ground and is more or less protected from many of the elements. The first really large one, under the Thames, was started in 1825. The oldest tunnel around New York extends from the Battery to Joralemon Street, Brooklyn, in operation since 1904.

The crossing under the Narrows would extend from a point about 150 feet north of the northerly boundary line of Fort Wadsworth to a point on the Long Island shore about at 97th Street. The length of the route from Bay Street, Staten Island to Narrows Avenue, Brooklyn, is 14,200 feet. The distance be-

*Compiled from reports of Ole Singstad, former Chief Engineer of New York City Tunnel Authority, by Raymond J. Reddy, formerly with Hylan Tunnel, New York Subways, etc.

tween portals would be 9,060 feet. The Staten Island Plaza will connect with Bay Street, Hylan Boulevard, and the proposed new Staten Island Parking System. The Brooklyn Plaza would connect with Shore Parkway, Shore Road, and with 86th Street by way of Narrows Avenue.

The structure would consist of 2 tubes, each 31 feet 9 inches inside diameter, giving a double lane highway 21 feet wide with an overhead clearance of 13 feet 6 inches. Traffic is estimated at 6,000,000 vehicles for the first year, increasing to 7,500,000 the second year, with a maximum capacity of 16,000,000 vehicles. Ventilation and traveling conditions will be along the lines used successfully for the Holland and Queens Midtown tunnels. Emergency garages will be located on each side with toll booths on the Staten Island end. There would be two ventilation buildings of modern design, one on the Staten Island shore and the other on the Brooklyn shore. Such a tunnel could be available in 5 years, one year being required for preparation of contract plans and specifications, and four years for construction.

On Staten Island, the visible portions of the approach will occupy an area of two blocks by five blocks from Bay Street to Anderson Street, and from Evelyn Place to Hylan Boulevard. There will be no loss in value of real estate properties, and no areas would come under the shifting shadow of an overhead structure that might cast a blight upon the property beneath. The concentration of busses, trucks and vehicles will be visible to residents in nearby areas only momentarily, as traffic emerges above or disappears below eye level, in landscaped, park-like surroundings.

NATURE SNOOPING — THE MINERAL SPRING

Lee A. Ellison

Records of our field trips show that on a few occasions Mr. Davis commented on a "mineral spring" located south of Travis Ave., New Springville, and shown on his map of "Ye Olde Names and Nicknames," as being on the edge of "Freeman Winant's Swamp." Anthon also noted the spring in his "Notes" of 1851, published in our *Proceedings* for 1929, p. 93. Unfortunately none of the present Nature Club members were present on former visits and the mineral spring has become one of our elusive mysteries.

At my suggestion, in October, 1945 those attending the monthly field trip tried bravely to locate this spring but without definite success. I found it necessary to be absent from this occasion and I have been mystified to find that, since October, my popularity has declined about 90%!

To solve these first and second mysteries, I set forth late one afternoon early in December, after our season's first snowfall, to bag a spring. Hopefully I toted a gallon jug. Dismounting where the swampy woodlands meet the marshland bordering Main Creek, I threaded and slogged my way through tangled spice bush, gnarled elm and swamp maple, to a boggy spot of brightest green. Here many large trees had been blown over by the hurricane of the fall of 1941. Spikes of skunk-cabbage thrust green points out of the marsh, and silvery green tufts of the water-loving moss, Calliergon, matted the bases of dead cattails and elder bushes. A lively brook tinkled over rocks and tree roots, seeming to rise among large broken masses of trap rock that are scattered over much of the area. A cardinal chirped from high in an elm; a white-breasted nuthatch chuckled wheezily at my flounderings; a chickadee chattered a warning to mind my step.

Here also the marshiest looking ground proved firmest, but I bogged down deeply among tufts of dry(?) grass.

In two places I found considerable areas stained rusty-red from peculiar seepages, and the flow-off water built up pulpy looking or jellylike masses on fallen reed stems.

On the border of the woodland adjoining the salt marsh is a dike some five or six feet high. On its woodland side near a break in the dike through which the little brook flows out across the salt marsh, I found a larger rusty seepage, almost a spring. Here I filled my jug.

The hazy sun was just above the steeple of the Dickinson Church in Travis and an evening chill was creeping over the marshes. I noticed faint, wispy drifts of vapor rising from the rusty water, and perhaps it was my imagination, but the rusty water did feel a little warmer than the water in the brook. This water is undergoing analysis to be reported at a later meeting of the Bird and Nature Club. The site of the "spring" is now marked by an abandoned pickle bottle, used as a dipper, and my submerged and unrecovered right rubber.

FEBRUARY NATURE PROGRAM

STATEN ISLAND MICROSCOPICAL SOCIETY: Dr. William Wiegmann will speak on "Determination of Conifers by Means of Cross-sections of the Leaves" at the regular meeting of the Society, Wednesday, February 6, at 8 P. M.

Members of the Microscopical Society have been invited by Irving Banner, Chairman of the Exhibition Committee, to participate in the 69th Annual Exhibition of the New York Microscopical Society to be held at the American Museum of Natural History, New York, February 9, 1946 from 7:30 to 10 P. M. Anyone interested in attending this exhibition may obtain tickets at the Institute.

Joseph F. Burke, Honorary Curator of Diatoms at the New York Botanical Garden will speak on "Diatoms, Jewels of the Sea" at the Garden, Saturday, March 2, at 3 P. M.

FIELD TRIP: The monthly field trip will be held on Saturday, February 9, meeting at 2:30 P. M. at Richmond Road and Rockland Avenue, Egbertville. The trip will visit Buck's Hollow, or if the snow is deep, will proceed over Light-house Hill, finishing at Richmond in either case. This trip has been selected because it will provide a study of marshy woodland more easily accessible when the ground is frozen and there is considerable bird cover where it is hoped some interesting winter birds may be seen.

STUDY GROUP: Supplementing the field trip the study group will meet in the Museum on Tuesday, February 12 at 8 P. M. At 7:15 the same evening the Plant Census ommittee will meet for work on the Museum Herbarium under the guidance of I. C. G. Cooper.

MEETING: The monthly indoor meeting will take place on Saturday, February 23 at 8 P. M. Miss Mathilde Weingartner will speak of her experiences on a recent trip with the National Audubon Society under the subject "My Trip to Bull's Island, S. C."

CALENDAR — FEBRUARY, 1946

1—Friday	— 8 P.M.	Section of Art. Life Class
4—Monday	— 8 P.M.	S. I. Oratorio Society
5—Tuesday	— 8:30 P.M.	Treble Ensemble
6—Wednesday	— 8 P.M.	S. I. Microscopical Society
	— 8 P.M.	Grand Jurors' Association
8—Friday	— 8 P.M.	Folk Dancing—English Country Dances
9—Saturday	— 2:30 P.M.	Section of Natural Science, Field Trip. Meet at Richmond Road and Rockland Avenue, Egbertville for a trip through Buck's Hollow.
11—Monday	— 2 P.M.	Fortnightly Club. Walt Whitman, Mrs. Hartley Smith
	— 8 P.M.	S. I. Oratorio Society
	— 8 P.M.	S. I. Philatelic Society
12—Tuesday	— 2 P.M.	W.A.C. Mothers' Club
	— 7:30 P.M.	Specialized Study on Plant Census.
	— 8 P.M.	Nature Study Group
	— 8:30 P.M.	Treble Ensemble
13—Wednesday	— 8 P.M.	Section of Photography. Regular Meeting
14—Thursday	— 8 P.M.	Society of Professional Engineers
15—Friday	— 8 P.M.	Section of Art. Life Class; first session of Alertness Credit Course, see page 43.
16—Saturday	— 8:15 P.M.	Institute Meeting. Lecture Demonstration by Maximilian A. Rasko at the S. I. Day School.
17—Sunday	— 3:30 P.M.	Belles Lettres Society. At the home of Mr. & Mrs. R. W. Cumberland. Original contributions by members.
18—Monday	— 8 P.M.	S. I. Oratorio Society
19—Tuesday	— 8:30 P.M.	Treble Ensemble
21—Thursday	— 1 P.M.	Seamen's Church Institute
22—Friday	— 8 P.M.	Folk Dancing. American Square Dances.
23—Saturday	— 8 P.M.	Section of Natural Science Meeting. Miss Mathilde Weingartner will speak on, "My trip to Bull's Island, S. C."
25—Monday	— 2 P.M.	Fortnightly Club. "Polynesia," by Nordhoff and Hall. Miss Davison
	— 8 P.M.	S. I. Oratorio Society
	— 8 P.M.	S. I. Philatelic Society
26—Tuesday	— 8:30 P.M.	Treble Ensemble
27—Wednesday	— 10:30 A.M.	Woman's Auxiliary. Film, "Wheels Across Africa."
	— 8:30 P.M.	Section of Photography. Print Competition
28—Thursday	— 2 P.M.	League of Women Voters

Junior Museum

Clay Modeling.....	Tuesdays	3:30 to 5 P.M.
Folk Dancing.....	Wednesdays	3:30 to 5 P.M.
Nature Study.....	Thursdays	3:30 to 5 P.M.
Movies.....	Fridays	4 P. M.
Painting and Drawing.....	Saturdays	10 to 12 noon
Stamp Club.....	Saturdays	10 to 12 noon
Microscopy.....	Saturdays	10 to 12 noon

MUSEUM BULLETIN

VOLUME XXVIII, No. 6 — MARCH, 1946

WILLIAM T. DAVIS MEMORIAL LECTURE

March 16, 1946 — 8:15 P.M.

at the S. I. Day School, 45 Wall St.

DR. JOHN HARVEY FURBAY

Explorer, Scientist and Author presents

"5,000 MILES DOWN THE PAN-AMERICAN HIGHWAY"

With color films Dr. Furbay will outline routes of the great Pan-American Highway from Mexico to Quito, Ecuador, showing picturesque scenes and giving enlightening comments on post war travel possibilities.

❖ ❖ ❖

The William T. Davis lectures are presented by the Institute as a means of promoting a better appreciation of the great world of Nature. Members can aid in our program by urging the people of Staten Island to attend these free public lectures.

OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

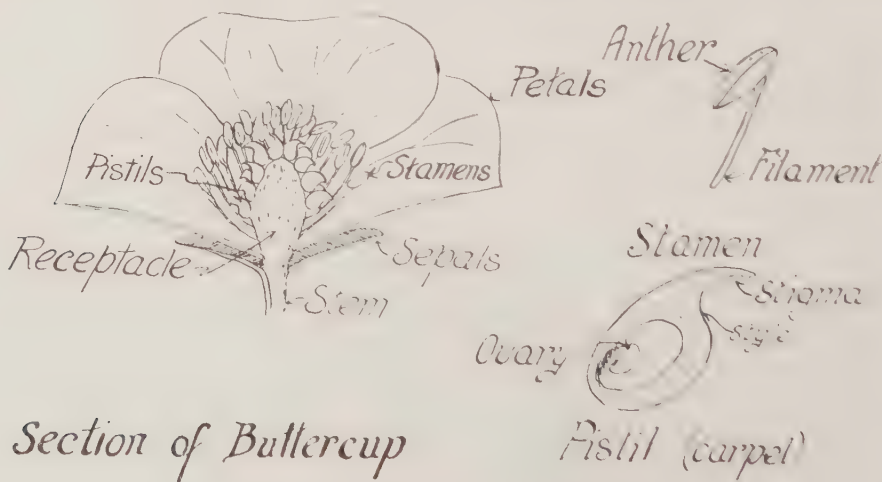
FLOWERS OF OUR FIELDS, THE BUTTERCUPS

I. C. G. Cooper

Ideas about grouping plants into families passed through many changes in the century between the publications of the classical books written by Linnæus (1751) and Darwin (1859). Following Darwin, present classifications recognize ancestral lines of development and seek to explain the mode and order of those developments.

Flowering plant types are considered to be most ancient when their flower parts are simple and separated and the parts involved in fertilization are numerous, whereas those with fewer and more specialized parts are regarded as having later origin. When Nature makes a new model she does not always discard the old. Many very ancient flower types persist and from them have developed the more specialized types. Some lines have expanded into many forms, others have reached a certain point and stopped, while many have died out. There are missing links in the family chain of the flowers but enough is known from which experts have been able to devise charts showing the basic ancient forms of seed bearing plants and the many related steps in the evolution of the most recent or as they are sometimes spoken of, the "higher" plant forms.

Before flowers can be properly understood it is necessary to know at least the names of a few parts. Root, stem, leaf and flower are well known but less so the parts of the flower itself. The flower usually tops the stem or branch, the outside green surface of which appears to swell out and enclose a bud. When the bud opens this green covering appears to have split into sections, often five, and it forms a backing for the colored parts of the flower. This green leafy ring of parts is called the *calyx* and its lobes or divisions *sepals*. Immediately above is a ring of parts, usually colored, called the *corolla* with separate parts called *petals*. It is the corolla which makes the flower attractive to us and it is also the part considered to be attractive to insects involved in fertilization. Another ring of parts above the corolla is of *stamens* which carry the pollen at their upper tips. Still higher or at the most central part of the structure is a group of *pistils* whose tops are the *stigmas* which receive the fertilizing pollen. All these parts are mounted on a *receptacle* which may be thought of as the swollen upper inner part of the stem. The receptacle in various ways supports the *ovary* wherein the seeds develop.



No flower needs more parts than those described above, some have less. By variation in four ways, either separately or collectively, Nature has contrived to give us thousands of different flowers. The four variations are: (a) change in number — parts may be reduced or omitted; (b) change in relation — parts are separated or joined; (c) change in position — ovary is lowered in higher types; (d) change in form — regular to irregular or single flowers to a colony of many flowers on one stem.

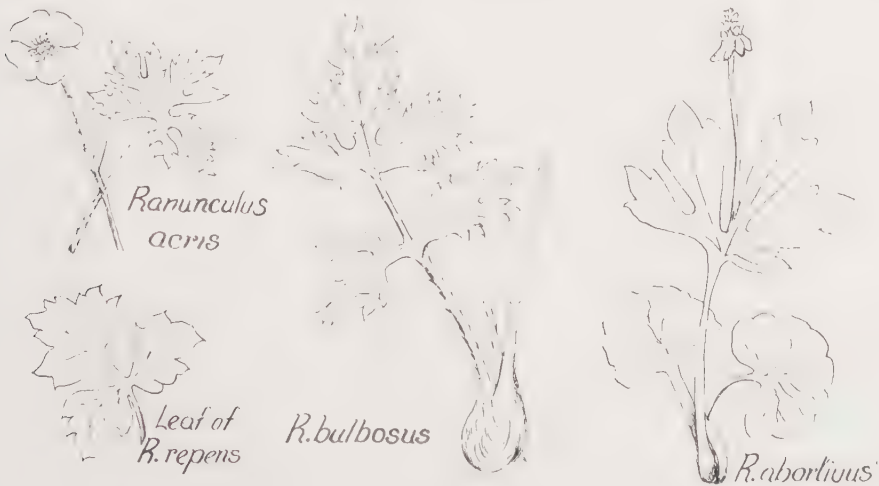
We all recognize the buttercup from our childhood days. We are attracted by its brilliant shining intensely yellow petals. This is one of the simplest and most ancient of all flowers. Let us look at it a little closer, and count the parts. Five sepals radiate from the top of the stem and these are separate and divided completely down to the stem. Immediately above and separately mounted on the receptacle are the five simply shaped yellow petals and above them are rings of many stamens. Still higher on the receptacle are spirals of many pistils. This is a simple flower form. There is no joining of parts and there is plenty of pollen and plenty of pistils upon which the visiting insect may deposit pollen from the same or a different plant. There is no specialization. The receptacle is high and there is no economy of reproductive organs. The buttercup is an old-fashioned flower; very old, but strong enough to have continued for many millions of years and to have given rise to all the lines of flower development known to us. The arrangement of the seeds upon a raised receptacle in a spiral manner suggests the cone of the ancient pines from which the buttercup is thought to have evolved. With so many chances for fertilization, even though many stigmas are not pollinated, for the buttercup, "seedtime has not failed" and we enjoy its simple beauty today.

All buttercup relations are gathered into the one "Crowfoot Family" so named because the leaves of many of them are variously divided. There are at least three buttercups growing on Staten Island whose flowers are very much alike.

The Tall or Meadow Buttercup (*Ranunculus acris*) is probably known to all. Flowers are about one inch across and it has much cut leaves whose lobes do not appear to have stems. The fruit heads are almost one half inch across.

The Creeping Buttercup (*R. repens*) likes wet places and grows from runners and hugs closer to the ground. Leaves are similar to *R. acris* except

(continued on page 54)



CECIL C. BELL, A STATEN ISLAND ARTIST

Jean Leason



On The Pier, by Cecil C. Bell

An exhibition of work by this Staten Island artist is being held in the gallery from March 10 through April 10. You are cordially invited to meet Mr. Bell at a reception Sunday March 10, at 3:30 P. M.

Cecil C. Bell was originally attracted to Staten Island in 1942 by the harbor, waterfront and shipping and he has painted many of his best scenes from his home at 17 Tompkins Circle. He has exhibited at the Whitney Museum, the Los Angeles Museum, the Art Institute in Chicago and the National Academy and his works have been purchased jointly by the Metropolitan Museum and the Whitney Museum. He has held several one man shows at the Kraushaar Galleries, New York.

Bell was born in Seattle, Washington in 1906 and in 1919 moved to Tacoma. At an early age he decided to become an artist and with little outside help went about seeking an education in art. Commercial art offered opportunities to save toward a five month's course at the Art Institute, Chicago, and a year at the Art Students' League in New York. At the latter institution he found the lithography class of Charles Locke much to his liking but perhaps his most important teacher and influence was Harry Wickey. Six months after arriving in New York Bell enrolled in Wickey's class in etching and composition and has been his follower ever since.

Bell does not limit himself to one medium. His work is composed in his studio and for each painting, gouache or water color, he makes innumerable sketches in pencil and color. The result is a series of striking waterfront scenes of particular interest to Staten Island.

ART NOTES

All work for the Annual Exhibition by Staten Island artists must be submitted by March 7. The jury will consist of Frank Gervasi, Secretary of the Allied Artists of America and Alfred S. Mira, an active member of Allied Artists. Members of the Institute and all Staten Island artists may submit work in any medium. The exhibition will open April 14.

Percy Leason will hold a one man show at the Newhouse Gallery, 15 East 57th St., New York, opening March 14.

During March the rotary exhibition of paintings by Staten Island artists will be shown at Wagner College.

NATURAL HISTORY

At a meeting of the Board of Trustees on January 21, 1946, the reorganization of the Staten Island Bird and Nature Club as a Section of the Institute was approved. The following officers of the Section were elected at the Annual Meeting on January 26: President, Lee A. Ellison; Vice-President, Mrs. Elsie Cole; Recording Secretary, Mathilde Weingartner; Corresponding Secretary, Mrs. Carla E. Nesslinger; Field Secretary, Edwin Rundlett; Treasurer, Karl O. Nesslinger.

FIELD TRIP: The monthly field trip will be held on Saturday, March 9, meeting at the Eltingville Station of the S.I.R.T. at 2:30 P.M. (1:59 P.M. train from St. George). The walk will proceed through the Woods of Arden section to Hylan Boulevard and will be led by Lee Ellison and Edwin Rundlett.

STUDY GROUP: The study group will meet Tuesday, March 12 at 8 P.M., and will be preceded by specialized work on the Plant Census at 7:15. The committee, of which I. C. G. Cooper is Chairman, invites anyone interested in botany to come at 7:15 and work with the Museum Herbarium.

MEETING: Miss Nieves Ribes, holder of the William T. Davis Natural Science Scholarship, will present a program of microprojection at the regular meeting on Saturday, March 23, at 8 P.M. This program was originally planned for December, but was postponed because of Miss Ribes' illness.

JUNIOR BIRD STUDY COURSE: This course will be directed by Frank Napier, Assistant Curator, on Thursday evenings at 7:30 and will consist of lectures, demonstrations and field trips. All young people interested in bird study are cordially invited to attend, especially Boy Scouts interested in the bird study merit badge.

MICROSCOPY

Lee A. Ellison will speak on "Identification of Metallic Elements by Chemical Microscopy" at the meeting of the Staten Island Microscopical Society on Wednesday, March 6 at 8 P.M.

At the meeting of February 6 the Society voted to become a Section of the Institute and elected the following officers to serve for the new year: President, Joseph F. Burke; Vice-President, I. C. G. Cooper; Secretary, Robert O'Connor; Treasurer, Roswell S. Coles; Delegates to the Institute Council, I. C. G. Cooper, Dr. Frank Strauss.

The annual exhibition will take place in the Museum Saturday, April 13. Invitations to participate are extended to any individual or educational institution on Staten Island.

MUSIC

The Staten Island Oratorio Society, directed by Ernest L. Jansen, will present a program of selections from the "Passion" and the "Elijah" at the Messiah Lutheran Church, Jefferson Blvd., Annadale, Sunday, March 10 at 8 P.M. Admission \$1.00.

MUSEUM BULLETIN of the Staten Island Institute of Arts and Sciences, Vol. XXVIII, No. 6, March, 1946. Published monthly, except June, July and August, by the Staten Island Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island, N. Y. and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912. Roswell S. Coles, Editor.

WOMAN'S AUXILIARY

Helen Hale, the Countess de Murabito, lecturer and author, who has visited us on previous occasions, will speak on "The Lure of Old Bibles," at the meeting on Wednesday, March 27, 1946. Rare books and manuscripts, all collector's items, will be on display for inspection. Music for the meeting will be supplied by Murray Adler, violinist.

BUTTERCUPS (*continued*)

that the lobes of the leaves, or at least the upper division, appear to have a stalk. The fruit head is only about one third of an inch across.

The Bulbous Buttercup (*R. bulbosus*) is less tall than the meadow buttercup and has more cut leaves, but it is most to be distinguished by the swelling at the root like a small bulb.

An interesting, and different buttercup is the Kidney or Smooth-Leaved Buttercup (*R. abortivus*). The basal leaves are not divided and have a wavy edge but the upper ones may be lobed but much less than those described above. The flower is very small with petals shorter than the sepals.

The Yellow Water Crowfoot (*R. delphinifolius*) grows in ponds and although the flowers are mostly quite small, sometimes they reach one and one half inches across. A remarkable feature of this buttercup is the way in which the underwater leaves are divided into many threadlike segments.

The Crowfoot Family had its beginnings so far back in time that it has had opportunity to develop in many ways. One would hardly think of clematis, anemone, marsh marigold, columbine, delphinium and baneberry as related plants, but despite their differences in leaf form and petal color and shape, at heart, in the arrangement of their many stamens and their separate and mostly many seeds all supported upon a receptacle raised above the sepals, they are definitely, if not brothers and sisters, at least close cousins.

NEW EXHIBITS

Among the thousands of cancellations, stampless covers and corner cards in the world of philately it is surprising how few early Staten Island items are to be found. Perhaps this is because Staten Island cancellations are distributed throughout the world and rarely return. Or perhaps our ancestors, like ourselves, put their wives' letters in their pockets and, in the daily commuting rush, forgot to mail them until reminded by the mail box on the Governor's Island ferry house.

Some of this rare material has been collected by Elliott Burgher and has been lent to the museum for exhibition purposes. Mr. Burgher would be interested in corresponding with anyone owning similar local items.

Of special interest are four early hotel covers which revive, at least in our minds, the glory of old time Staten Island. The earliest is a stampless cover and letter sheet showing the J. P. Kellett house in Egbertville as the Richmond Hill Hotel and announcing the opening of the 1852 season on June 1. This house has had a varied career; prior to its use as a hotel it was operated as the Richmond Seminary, a girls' school. It is now the Eger Norwegian Home.

Two covers show the Pavilion Hotel, one of the finest of our early hotels. Thomas E. Davis erected the original structure as a residence about 1828 and in 1832 converted it into a hotel which was remodeled in 1884. These covers, dated 1880 and 1890, picture the hotel both before and after remodelling. Another shows a view of the Castleton hotel on an envelope addressed to Chauncey Depew, October 19, 1898. An early account of these old Staten Island hotels was written by Ira K. Morris and published in our *Proceedings* for 1893.

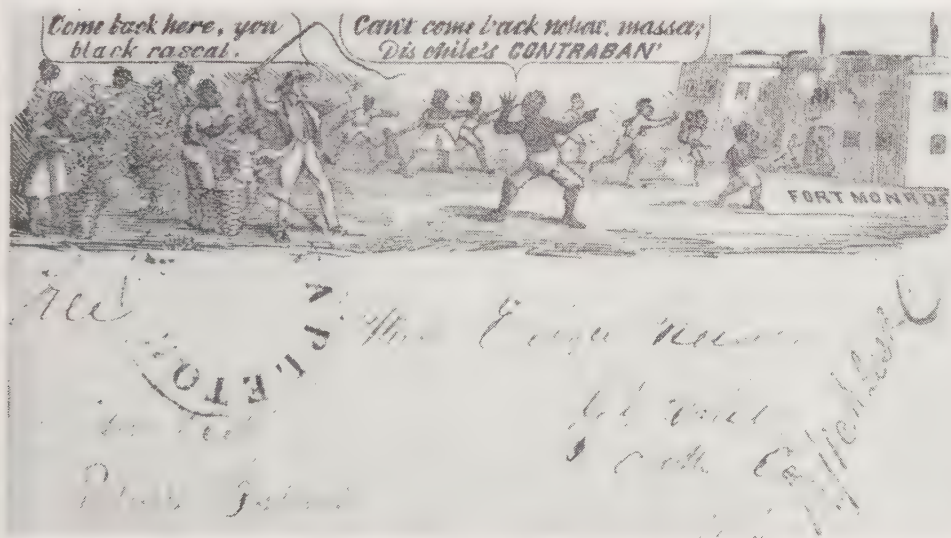
and a more complete record of the Pavilion hotel may be found in "Staten Island Architecture, Part 5" by Loring McMillen in the *Staten Island Historian*, Vol. V, No. 4, October, 1942, published by the Staten Island Historical Society.

Somewhat related to this material is a folded bill from the Trustees of Sailors Snug Harbor to William Whitlock for ground rent, dated April 26, 1861.

Events of the Civil War inspired the creation of patriotic covers. Two deal with the death of Col. Elmer Ellsworth, the famous leader of New York's Volunteer Firemen Zouaves, the first officer casualty on the Virginia front. The cover illustrated here, mailed from Camp Scott, Old Town, and cancelled at Stapleton, shows slaves escaping to Fort Monroe with the caption "Can't come back nohow, Massa. Dis Chile's contraban'." Another corner card is that of the Ira Harris Guards who were also stationed at Camp Scott in 1861.

Several other local cancellations are also on display. Some are of post offices now discontinued, like Tompkinsville and others such as North Shore, have been changed to other names.

A photograph of the only private stamp issued on Staten Island completes the exhibit. This was for the Staten Island Express Post, established by Hagedorn & Co., in 1849 with offices at Stapleton. A 3¢ and 6¢ stamp, both vermillion, were issued.



Under Mr. Napier's direction the zoo corner has been redecorated, featuring Alice, the humorous bull frog, Sleepy, the mud turtle, and other live things of interest to young people. A case of moccasins calls attention to variations in design and construction of different Indian cultures and a life-size Indian grave is in preparation. Textiles from Guatamala, lent by Cecilia Egan, and Chinese objects, lent by Mrs. Doris Leonard, add color to the room. Two comparative studies have been set up, one of the rodent family and one of sponges. The Junior Museum Stamp Club maintains a changing exhibit of interest to stamp collectors.

A collection of watches and watch works offers a not uncommon wedding of the arts and sciences, uniting principles of mechanics and artistry in silver and gold into objects of historic interest.

R.S.C.

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

CALENDAR — MARCH, 1946

1—Friday	— 8:00 P.M.	Art Class. Techniques and Drawing of the Figure in Life, Lesson 2
4—Monday	— 8:00 P.M.	S. I. Oratorio Society
5—Tuesday	— 8:30 P.M.	Treble Ensemble
6—Wednesday	— 8:00 P.M.	S. I. Microscopical Society. "Identification of Metallic Elements by Chemical Microscopy," by Lee A. Ellison
7—Thursday	8:00 P.M.	S. I. Power Squadron
8—Friday	— 8:00 P.M.	Folk Dancing—Norwegian Dances
9—Saturday	— 2:30 P.M.	Section of Natural Science, Field Trip. Meet at Eltingville Station S.I.R.T., and walk through Woods of Arden to Hylan Blvd.
10—Sunday	— 3:30 P.M.	Exhibition of Paintings by Cecil C. Bell. Opening Reception. See Page 52.
	— 8:00 P.M.	Concert by the Staten Island Oratorio Society at the Messiah Lutheran Church, Jefferson Blvd., & Lamont Ave., Annadale
11—Monday	— 2:00 P.M.	Fortnightly Club. An Afternoon of Music. Mrs. I. S. Tanner
	— 8:00 P.M.	S. I. Oratorio Society
	— 8:00 P.M.	S. I. Philatelic Society
12—Tuesday	— 2:00 P.M.	W.A.C. Mothers' Club
	— 7:30 P.M.	Specialized Study on Plant Census
	— 8:00 P.M.	Nature Study Group
	— 8:30 P.M.	Treble Ensemble
13—Wednesday	— 8:00 P.M.	Section of Photography. Regular Meeting
14—Thursday	— 8:00 P.M.	Society of Professional Engineers
	— 8:00 P.M.	S. I. Power Squadron
15—Friday	— 8:00 P.M.	Art Class. Techniques and Drawing of the Figure in Life, Lesson 3
16—Saturday	— 8:15 P.M.	Wm. T. Davis Memorial Lecture. Dr. John Harvey Furbay presents "5,000 Miles Down The Pan-American Highway," illustrated with color films, at the S. I. Day School, 45 Wall St.
17—Sunday	— 3:30 P.M.	Belles Lettres Society. At the home of Director & Mrs. Roswell S. Coles. Romantic Drama—Cyrano de Bergerac, Miss Katherine Grey
18—Monday	— 8:00 P.M.	S. I. Oratorio Society
19—Tuesday	— 8:30 P.M.	Treble Ensemble
21—Thursday	— 1:00 P.M.	Seamen's Church Institute
	— 8:00 P.M.	S. I. Power Squadron
22—Friday	— 8:00 P.M.	Folk Dancing. Danish Folk Dances
23—Saturday	— 8:00 P.M.	Section of Natural Science. Microprojection, Nieves Ribes
25—Monday	— 2:00 P.M.	Fortnightly Club. Russian Literature, Mrs. D. L. Bardwell
	— 8:00 P.M.	S. I. Oratorio Society
	— 8:00 P.M.	S. I. Philatelic Society
26—Tuesday	— 8:30 P.M.	Treble Ensemble
27—Wednesday	— 10:30 A.M.	Woman's Auxiliary. Helen Hale, "The Lure of Old Bibles." Music by Murray Adler, violinist.
	— 8:30 P.M.	Section of Photography. Print Competition
28—Thursday	— 2:00 P.M.	League of Women Voters
	— 8:00 P.M.	S. I. Power Squadron
29—Friday	— 8:00 P.M.	Art Class. Techniques and Drawing of the Figure in Life, Lesson 4

JUNIOR MUSEUM

Clay Modeling	Tuesdays	3:30 to 5 P. M.
Folk Dancing	Wednesdays	3:30 to 5 P. M.
Nature Study	Thursdays	3:30 to 5 P. M.
Movies	Fridays	4 P. M.
Painting and Drawing	Saturdays	10 to 12 noon
Stamp Club	Saturdays	10 to 12 noon
Microscopy	Saturdays	10 to 12 noon

MUSEUM BULLETIN

VOLUME XXVIII, No. 7 — APRIL, 1946



OLD BARGES, TOTTEVILLE

by Henrietta Beaumont

*From the Twelfth Annual Exhibition of work by
Staten Island artists opening April 14, 1946.*

OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

Saturday, April 13, 1946 — 8:15 P.M.
in the Museum
SIXTEENTH ANNUAL
EXHIBITION OF MICROSCOPIC OBJECTS
by the
STATEN ISLAND MICROSCOPICAL SOCIETY

In addition to members and invited guests the following educational institutions will take part: Wagner College, Augustinian Academy, Curtis High School, New Dorp High School, Port Richmond High School, St. Peter's High School, Tottenville High School, Staten Island Day School.



This exhibition constitutes the regular April meeting of the Institute. Note change of date. All meetings are open to the public without charge.

SPRING NATURE PROGRAM

Bird Walks

SUNDAY, APRIL 7 — 8:00 A.M. Meet at Richmond Road and Todt Hill Road for a walk through the Moravian Cemetery.

SATURDAY, APRIL 13 — 3:00 P.M. Meet at Administration Building of Seaview Hospital (Bus No. 111 leaving St. George 2:15 P.M.). We shall visit a former stand of Blood-root and Saxifrage, a location which has not been checked for survival for many years, thence proceed to Brielle Avenue, down across Seaview Valley to a path into Flagg's Woods, looking and listening for signs of Spring. The walk will terminate at the Short Term Camp at Richmond Road and Altamont Street, for return by Richmond Road bus.

SUNDAY, APRIL 28 — 8:00 A.M. Meet at Richmond and Clove Roads, Concord, and walk over Emerson Hill to Spring Street Valley to observe migrating warblers.

Plant Census, 1946

TUESDAY, APRIL 16—7:15 P. M. Plant Census Committee.

Spring is upon us. Before April is over many early flowers and shrubs will have bloomed. If we are to have a complete record, our plant

(Continued on page 60)

THE TWELFTH ANNUAL EXHIBITION

by

STATEN ISLAND ARTISTS

You are cordially invited to attend
the opening reception

Sunday, April 14, 1946, 3:30 to 5:30 P.M.

Special Program at 4 P.M.

Presentation to the Institute of the

JASPER FRANCIS CROPSEY PAINTING

"Looking Eastward From Todt Hill, Staten Island, 1895"

THE STATEN ISLAND EXHIBITION

Jean Leason

The Twelfth Annual Spring Exhibition by Staten Island artists will open with a reception on April 14 and will remain in the gallery until May 31. From the sixty pictures submitted, forty were chosen by the jury. These make an exhibition strong in traditional work. Mr. Frank Gervasi, Secretary of the Allied Artists of America and Alfred S. Mira, an active member of the Allied Artists, acted as the jury.

A number of exhibitors have chosen flower studies as their subject matter, adding a colorful note to the show. The exhibitors and their works are: "Fall," Albert Barbelle; "Old Barges, Tottenville" and "Sunlight and Roses," Mrs. Henrietta Beaumont; "Portrait," Ely M. Behar; "Midwinter," Leslie D. Bissell; "Gossip and Design" and "Doin' Close to Fifty," Frederick Bohrer; "Winter's Last Snow," F. A. Busing; "Chrysanthemums" and "Portrait," Alice Canady; "Spring," Mrs. Muriel Mattocks Cleaves; "Little Dutch Girl," Ida Dudley Dale; "Autumn Flowers," Mrs. Artemis Darson; "Red Derricks," Armen Darson; "Adirondacks Saw Mill," Alex Dollin; "Study of Gladiolas," Mrs. Ethel R. Easley; "The Village Church," Frank Gervasi; "St. Marks Place," Hans Glinicke; "Spring Snow," Mrs. Samilla J. Heinzman; "Portrait," Arnold Hoffmann; "Old South Street," Mrs. Valerie Korniloff; "Still Life," Mrs. Marjory Kuhfahl; "Self Portrait," Percy Leason; "Helen," Jean Leason; "Carnations," Mrs. Isabel Leason; "Harvest Time," Mrs. Winifred H. Macdonald; "The Side Porch," Mrs. Eleanor Marshall; "Peace, Norwich," Alfred McNamara; "Still Life," Martha Mahler; "Eggs,"

(Continued on page 60)

Alfred S. Mira; "Winter in Norway," Eleanor Pettersen; "Storm" and "Portrait," Philip Politico; "Apples," Mrs. Irene Shaff; "Midsummer Bouquet" and "The Red Barn," Mrs. Isabel V. Simons; "Our Pond," Ruth Gifford Tysen; "Soissons Cathedral, France," David Varon; "Steps to the back Door," Mrs. Emma L. R. White; "The Red Tea Pot," Irene N. Wolstad; and one piece of sculpture by Margaret Borinski.

Art Notes

Eleven paintings by Jean Leason were exhibited in the New Dorp Library during March. Libbie Segman, 5275 Arthur Kill Road, held a four day exhibition of her work at her studio from March 14 to 17, 1946.

Many visitors to our gallery will remember the striking exhibition of war paintings by one of our members, Arnold Hoffman, during February 1945. It is interesting to learn that "D Day" was purchased by the Luxembourg Museum, Paris; "Civilization, 1940," by the Hebrew University of Palestine and "Lidice," by the National Museum, Prague.

NATURE PROGRAM (*Continued*)

enumerators should start at once to keep us informed. We need many observers, even locations of common flowers should be recorded.

Look for early blooming of Blood-root, Spring Beauty, Benzoin, Ficaria, Azalea, Plantain, Dogwoods, wild Lily-of-the-valley and Violets. We should especially look for Violets which are even a little bit different from the common one. We hope to find again several hybrids as well as white and yellow ones. Please do not pick rare flowers, but report your finds as soon as possible. Send your reports to the Museum on a post card giving: date, type of flower, quantity and exact locations with reference to streets or blocks and distance north, south, east or west from corners. A house number or number of a telephone pole is a good marker.

It is suggested you read again, "Flowers of Our Fields," in the January *Museum Bulletin*.

I.C.G.C.

Dendritic Crystals

Saturday, April 26 — 8:00 P. M. in the Museum

Mr. Charles Ericson will speak on Crystals and will describe particularly certain types known as Dendrites which simulate vegetable and animal forms. He will also discuss significant relationships between geometrical form in crystals and the morphology of living organisms. His talk will be illustrated by slides and photomicrographs.

MUSEUM BULLETIN of the Staten Island Institute of Arts and Sciences, Vol. XXVIII, No. 7, April, 1946. Published monthly, except June, July and August, by the Staten Island Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island, N. Y. and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912. Roswell S. Coles, Editor.

RECITAL FOR FLUTE AND PIANO

George and Nina Martin

Thursday, April 25, 1946, 8:15 P.M.

in the Museum

PROGRAM

- | | | |
|---|--|-----------|
| 1 | Variations on "Salve tu Domine" by Paisiello | Mozart |
| | Sonata in C major | Mozart |
| 2 | Suite in A minor for flute | Telemann |
| 3 | Variations on "Quanto e Bello l'Amor Contadino" by Paisiello | Beethoven |
| | Eight Waltzes | Schubert |
| | Moment Musical, A flat major | Schubert |
| 4 | Sonata in G minor for flute | Vivaldi |
| 5 | Nocturne in D flat major | Chopin |
| | Hommage a Rameau | Debussy |
| | Bolero | Chopin |

Due to its intimate nature, this recital will be held in the Museum. Tickets will be assigned in order of application to the seating capacity of the auditorium and no further tickets will be available. Tickets \$1.20 including tax; proceeds for the music fund.

Please make checks payable to the Staten Island Institute
of Arts and Sciences, 75 Stuyvesant Place.

BROADCAST

The Staten Oratorio Society will broadcast a half-hour program of choral selections from the "Passion" and "Elijah" over WNYC, Saturday, April 6, at 9:30 P. M. George and Nina Martin will provide an interlude of flute and piano music. Tune in.

PHOTOGRAPHY

The Staten Island Camera Club has undertaken to provide a monthly photographic exhibition in the auditorium. During March, photographs by C. B. Phelps, Jr., President of the Photographic Society of America were on view.

The exhibitions of selected photographs from the Annual Exhibition of the Staten Island Camera Club which were shown at the St. George and Port Richmond Libraries during March, will go to the Port Richmond and West New Brighton Libraries during April.

NOTES ON THE WATCH COLLECTION

Elizabeth R. Parke

An exhibit of a representative selection of seventeen watches and eleven watch works from the Museum's collection was mentioned in the March, 1946, *Museum Bulletin*. These are displayed with diagrams to illustrate some of the main developments in watch works.

Watch movements consist of three parts: the mainspring, which supplies the motive power; a gear train of wheels through which the power is conveyed to the escapement; and the escapement, which includes the escape wheel, a contact from that to the balance shaft, the balance wheel and hair spring. In the escapement, the regulating part of watch works, most improvements have been made.

As with most early inventions, the origin of timepieces is hazy, but the first use of a spring as motive power in place of weights, and an escapement, has been rather definitely established at about 1500. These developments made possible a portable timepiece, or watch.

The earliest type of escapement is called the verge, as the pallets (the parts which contact the escape wheel) are on the verge or staff of the balance wheel. The escape wheel is set at right angles to the other wheels in the watch (Fig. 1) and the shaft of the escape wheel is parallel to the face of the watch. About 1525, the fusee was introduced to improve the accuracy. (Fig. 2) This is a spirally grooved pulley from which a chain or gut is unwound onto the barrel which contains the spring. The lessening of the power of the spring is compensated by the increasing diameter of the fusee. In later works, as escapements improved, the fusee was eliminated.

Seven watches and two watch works with the verge escapement and fusee are exhibited. One gold watch, the gift of Sarah Haughian Curran, is said to have been given by Napoleon to one of his soldiers, who gave it to a member of the Haughian family. The silver case of one of the English watches, the gift of Mrs. W. F. Meschenmoser, has a very clear hall mark, indicating it was made in London in 1798. The other donors in this group are: Capt. Wm. A. Anderson, James Coleman, the heirs of Olaf Giset, James McNiesh, Mrs. E. C. Philip.

As with all mechanical devices, makers strove to improve watches and, in 1695, the cylinder escapement was invented. (Fig. 3) The escape wheel, as in all future developments, lies parallel to the face of the watch. The name is derived from the fact that the balance wheel is mounted on a hollow cylinder, part of which is cut away to permit the teeth of the escape wheel to enter and give impulse to the balance. Three examples of this type are shown, one, the gift of Herman Naess, and two, the gift of the heirs of Olaf Giset.

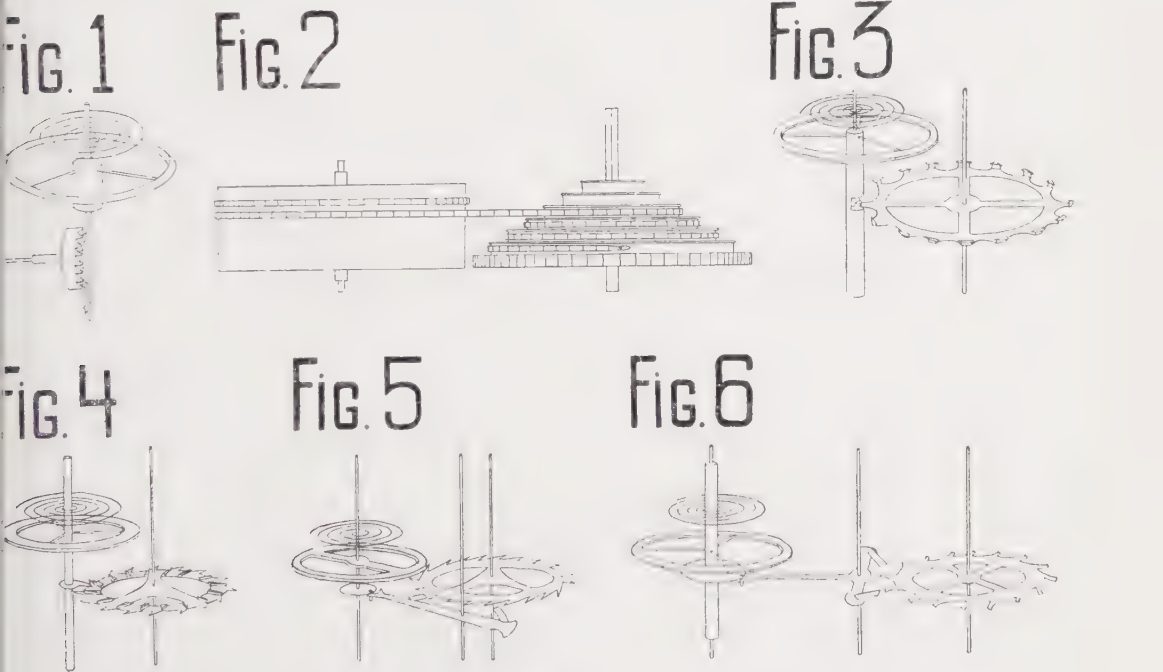
About thirty years later, 1725, the duplex escapement (Fig. 4) was developed. This has two sets of teeth on the escape wheel. One set rising from

the surface of the escape wheel gives impulse to the balance as it strikes a lever attached to the balance shaft. The other, protruding from the sides of the wheel, checks the action of the wheel. We have only two watch works of this type and both are exhibited. These were given by the heirs of Olaf Giset.

The lever escapement (Fig. 5) which has proven to be the most satisfactory, was invented in 1750 by Thomas Mudge. This differs from previous developments as the pallets are attached to a lever which is on a staff of its own. Three watches and two watch works are used to illustrate this type. One of the watches, made in Halifax, England, about 1850, was used in Linoleumville Works until 1872 and given to the Museum by John Pearson. The others are from the estate of William T. Davis, John Koestner and the heirs of Olaf Giset.

The club tooth lever escapement, (Fig. 6) a variety of the lever escapement, works on the same principle, except the teeth of the escape wheel are formed in inclined planes, and often the pallets are at the end of the lever. This type is the one generally used today. Three watches and four watch works illustrate this development. One of the watches, the gift of John Koestner, is French and was made for the blind. It has raised knobs for hours and extra heavy hands so the time may be felt. The others are from the estate of William T. Davis, the heirs of Olaf Giset and Herman Naess.

These few notes barely touch the history of watch works, but they are an attempt to make the exhibit of more general interest, by pointing out a few significant features. References used in compiling the information were: *The Watch and Clock Makers' Handbook*, F. J. Britten; *Time and Timepieces*, Willis I. Milham, Ph.D.; *It's About Time*, Paul M. Chamberlain.



NATURE SNOOPING — CROCHERON'S MILL POND

Lee A. Ellison

There are two types of places of interest on our Island seldom visited on Museum field trips: small isolated tracts of woodland or dunes or wooded marsh too remote from similar places to be included in a trip of reasonable continuity; and the more common kind with dense growths of shrubbery and vines (especially greenbriar) into which only the thickest-skinned and most determined (or is it the most foolish?) nature lover ever penetrates.

In the acute triangle between Victory Blvd., Signs Road and Richmond Ave., lies such a tract that had long irritated my bump of curiosity. So, choosing an appropriate winter day with a 40-mile north wind and temperature in the low 20's, I picked the site marked on the old maps as "Crocheron's Mill Pond" near the angle between Signs Road and Victory Blvd.

This pond is mentioned in Davis's "Staten Island Names, Ye Old Names and Nicknames" in 1896 (pg. 50): "Crocheron Mill Pond or Bull's Head Pond. Near Signs Road at Bull's Head. The Mill is no longer in existence." The pond is shown on Leng's map to accompany "Staten Island Names." Leng and Davis mention it in their *History* (pg. 611) as an overshot mill and say further, "The map of 1853 shows the mill near Sign's Road as 'Paint Mill, Sinclair & Co.' . . ."

The long overgrown site of the mill pond is partly occupied by a large array of greenhouses and the home of Mr. Kahn, a florist. Some of the embankments remain, and a deep hollow and the present channel of Willowbrook mark the site of the millrace. No traces of the mill remain. An extensive area of brush-grown marsh spreads below and to the west from the house and the site of the original retaining dam. Back of the house and toward Richmond Avenue is an extensive woodland of rather young trees. The lower or western marsh is crossed by a small brook which has cut into the stony glacial drift to form a channel a few feet deep. The vegetation is mostly that which is characteristic of swampy woodland: elm, red maple, sweet gum, spice bush, elderberry and black haw.

The object of my search was a stand, reported several years ago, of red or river birch. I first relocated this stand by following Willow Brook toward the greenhouses from Victory Blvd., near Seaview Place. One thousand feet south from here along the brook one finds four medium-sized trees of about 20 years of age, and across the ditch a venerable six-trunked tree of much greater age. But the real patriarch of this stand is about 100 feet east of the Kahn home and on the east bank of the stream. This tree, now a hollow shell though still living and producing seed, is about 60 feet tall, with a diameter of over three feet. Nearby stand twelve or more of its probable "children" and a short distance away toward Victory Boulevard where the woodland is bordered by a service road and grassy field, I counted over 110 young red birches averaging a diameter of seven inches.

The red birch occurs rarely on Staten Island; there is another stand near Eltingville along Sweetwater Brook. It is very common along the Delaware River west of Port Jervis and is a tree of striking though ragged appearance.

By the time my search was nearly over Old Boreas had put a fresh razor edge on the wind and I most eagerly sought the shelter of my car.

SHRUBS AND TREES FOR YOUR GARDEN

Volney Avery

With the arrival of the new seed and nursery catalogues the question arises, "what shrubs and flowering trees are we going to plant this spring?"

Here are a few thoughts for you to ponder over before making out your list. Do not let the bright and cheerful colors of the earliest spring blooms enchant you too greatly. We live in a climate which has four decidedly different seasons; after your shrubs and trees give forth bloom in the spring what will be their decorative appeal?

Summer should give you good foliage and some fruit. Fall should bring all the glorious colors of our wooded hillsides and in winter interesting twig growth and colored fruit for Christmas decorations should not be neglected. In addition, the fruit is of value in attracting many of our winter birds.

A few evergreens judiciously placed among the shrubs help to complete the year 'round picture. For small properties, types of *Juniperus virginiana* are best.

Plants listed with one asterisk (*) have fruit attractive to birds and those with a double asterisk (**) give autumn colors. Others are desirable because of flowers, fragrance and good foliage. Figures following indicate approximate ultimate height in feet.

*****Shad Bush**, *Amelanchier canadensis*, 15-20', best in clumps when by themselves; beautiful when seen with the **Flowering Peach**, *Amygdalus persica*, 12-15', and with the **Purple Leaf Plum**, *Prunus cerasifera*.

*****Red Chokeberry**, *Aronia arbutifolia*, 6', is fine for growing under trees such as the **Flowering Dogwood**, *Cornus florida*, 15-25'. Like Shad Bush, the Chokeberry blooms in May, has red fall color and fruit for the birds which may also be used for Christmas decorations.

*****Azalea mucronulatum**, 5-6', has purple flowers when forsythia is in bloom and **Azalea yodogawa**, 3-4' and spread 4-5', is one of the best semi-evergreen Azaleas, with lavender pink flowers.

*****Washington Thorn**, *Crataegus cordata*, or **Cockspur Thorn**, *C. crus-galli*. The first is one of the best for small fruits, brilliant red and they remain on the plant all winter. Bloom in May.

Among the **Cotoneasters, the willow-leaf, 6-8', *salicifolia*, has foliage and fruit excellent for Christmas decorations. Blooms in June.

February Daphne, *Daphne mezereum*, 3', is beautiful with pale yellow or ivory daffodils and *Magnolia stellata*, 5-8', and a ground cover of grape hyacinths.

*One of the **St. Johnsworts**, *Hypericum aureum*, 3', gives good winter food for slate colored Juncos, Tree Sparrows and Redpolls. Good yellow color in autumn.

Don't neglect the Holly. **American Holly, *Ilex opaca*, 10-20', can be used to make your own Christmas wreath, cutting does it good. *Ilex verticillata*, 6-8', will add fruit for your winter decorations. Be sure to plant a male and female holly.

****Mountain Laurel**, *Kalmia latifolia*, 5-8', is our best native evergreen shrub.

***Of the **Flowering Crabapples**, *Malus*, 8-18', pick any or all the varieties and you will not have too many. *M. floribundus*, among others, furnishes the best winter food for Cedar Waxwings, Robins, Flickers, Pheasants and Pine and Evening Grosbeaks.

Some of the **Mock Oranges**, *Philadelphus*, 6-7', should be in all collections for flowers and fragrance.

****Christmas Berry**, *Photina villosa*, 10-12', is beautiful in the fall.

Bayberries, *Myrica carolinensis*, 5-6', are the best food to attract and hold Myrtle Warblers.

(Continued on page 67)

A STATEN ISLAND LEGEND

MATHEW B. BRADY

Roswell S. Coles

Another perplexing problem relating to Staten Island's past, like that of Christopher Billopp and the *Bentley*, has been revived by the publication of that splendid volume, *Mr. Lincoln's Camera Man**, by Roy Meredith. Tradition, which with repetition often becomes accepted as fact, has it that the famous Civil War photographer, Mathew Brady, the subject of this new book, lived on Staten Island in his declining years and dispensed generous hospitality from his home on Grymes Hill. The most recent acceptance of this tradition appeared in our own *Museum Bulletin* as late as January, 1946!

Unfortunately a search through *Mr. Lincoln's Camera Man* fails to disclose a reference to Staten Island. This possibility had been somewhat anticipated by Raymond Fingado in an article, "Photography on Staten Island," in the *Staten Island Historian*, January, 1940 (Vol. III No. 1.)

Seeking further information the writer corresponded with Mr. Meredith, through Mr. William C. Weber of the publishers, who reported "... there is no record of any sort that Mathew Brady was ever a resident of Staten Island." And, "Mr. Meredith has had access to a great amount of Brady's correspondence, and has been working on his book for more than ten years, during which time he has covered every possible phase of Brady's life and he tells me that all his data show that Brady was a resident either of New York in his early days or of Washington from the Civil War on."

Mr. Meredith also suggests, "It may be that Staten Islanders confuse Brady with T. H. O'Sullivan, who was Brady's principal assistant and whose family lived somewhere on Staten Island."

These statements cast further doubt on the possibility of Brady's living on Staten Island, and his poverty in post-Civil War days make the story of lavish spending highly improbable.

However, there is frequently some grain of truth in our local legends. Dr. Vernon B. Hampton, in a letter to the writer, feels it is quite possible that Brady was on Staten Island in the 1840's and 1850's: "Brady was a close and intimate friend of William Page [who lived here] ... Brady first met Page at Saratoga and the latter persuaded him to come to New York, and why not also to Staten Island? Brady also conducted experiments with Prof. John W. Draper, who perfected the daguerreotype, these experiments beginning in 1839. ..." Draper is also reputed to have once lived on Cherry Lane (now Forest Avenue). It is possible that they all came to the Island as friends.

This theory becomes more plausible if we remember the glories of Staten Island during the pre-Civil War days, with its fine hotels and internationally known clientele, and the blossoming of that famous colony in West New Brighton which brought such men as James Russell Lowell, a friend

*Published by Charles Scribner's Sons, New York, 1946.

of Page, here. We can appreciate the possibility of successful men (of whom Brady was indeed one during that period) "dispensing generous hospitality" at the Pavilion Hotel and starting a legend of great times on the Island. This might also account for lack of positive evidence in support of either Brady's or Draper's residence here.

There is, of course, a remote possibility that Brady visited some of his Civil War friends here and Page continued to live here from his return from Europe in 1860 until he died in 1885. It is possible that tradition has confused the originator of the "hospitality."

However these conjectures are not history, and lacking any further proof we must still look upon Mathew Brady as a Staten Island legend. It is hoped to go into the evidence at greater length later in the *Staten Island Historian* and if any reader has information on this interesting problem the writer will be glad to receive it.

ANNUAL DESSERT BRIDGE

The Woman's Auxiliary will hold its Annual Dessert Bridge in the Museum on Thursday, May 2, at 1:30 P.M., tickets \$1.20, tax included. Mrs. Fritz Sampson is Chairman and urges members and friends to make up tables and spend an enjoyable afternoon in the Museum. The proceeds of this bridge are turned over to the Institute for the furtherance of its work. Mrs. Sampson and Mrs. Arthur Foley, Treasurer, 32 Amelia Court, S. I. 10, will gladly receive reservations.

MEMBERSHIP

We welcome the following as annual members of the Institute: Miss Wilberta Benz, Thomas B. Greenslade, Mrs. Alexander Haughwout, Mrs. Stacey F. Howell, Mrs. Valeria Korniloff, John Muntzner, Mrs. Andrew Murphy, Russell Nyman, Mrs. Edward H. Oltmanns, Victor M. Shaff, Mrs. Walter A. Tyler and Mrs. Omon Van Dyck.

Necrology: Word has been received of the death of Charles N. Disoway, 4351 South Van Ness Ave., Los Angeles, Cal., on February 18, 1946. Mr. Disoway, a member of a noted Staten Island family, was elected a Life Member of the Institute, May 22, 1920.

Frederick C. Stahr, one of Staten Island's best known artists, died March 8, 1946, at the Staten Island Hospital, at the age of 69. Mr. Stahr was a Fellow of the American Academy in Rome, Italy, a member of the National Academy of Design and the Architectural League. His best known work on the Island is the series of historical murals in the Borough Hall.

SHRUBS (*Continued*)

Double Flowering Plum, *Prunus triloba plena*, 7-8', is beautiful among tall junipers and with *Spirea prunifolia*, 6-7' or *S. thunbergi*, 5-6'.

***Of the **Blueberries**, *Vaccinium*, try *corymbosum*, they are beautiful in a shrub border. Good red autumn color.

Viburnums are all excellent. *V. dilatatum*, 8-10', has scarlet berries for more Christmas decorations. *V. tomentosum*, the Double-file *Viburnum*, is most decorative of all when in bloom. If your space is limited, *V. carlesi*, 4-5', is a "must" on your list if for no other reason than its deliciously fragrant flowers.

The **Lilacs**, *Syringa*, especially French hybrids, should be given some space in any planting. A few good ones are Paul Thirion, claret rose flowers, red buds, or Reaumur, rose red flowers; Leon Gambetta, pink buds, pink and lavender flowers is excellent; Edith Cavell, creamy white; Diderot, claret purple; Pres. Lincoln or Oliver de Serres, blue; Victor Lemoine, pink overlaid with a delicate blue lavender.

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

CALENDAR — APRIL, 1946

1—Monday	8:00 P.M.	"Creative Writing," by Prof. Robert W. Cumberland
	8:00 P.M.	S. I. Oratorio Society
2—Tuesday	8:30 P.M.	Treble Ensemble
3—Wednesday	8:00 P.M.	Grand Jurors' Association
5 Friday	8:00 P.M.	Art Class. Techniques and Drawing of Figure in Life. Lesson 5
7—Sunday	8:00 A.M.	Spring Bird Walk. Meet at Richmond and Todd Hill Roads for a walk through the Moravian Cemetery
8—Monday	2:00 P.M.	Fortnightly Club. "One Foot in Heaven," by Hartzell Spence. Miss Margaret Tompkins
	8:00 P.M.	S. I. Philatelic Society
	8:00 P.M.	"Creative Writing," by Prof. Robert W. Cumberland
	8:00 P.M.	S. I. Oratorio Society
9—Tuesday	8:30 P.M.	Treble Ensemble
10—Wednesday	8:30 P.M.	Section of Photography. Regular Meeting
11—Thursday	7:30 P.M.	Belles Lettres Society. Annual Dinner at the Tavern on the Green, New Dorp
	8:00 P.M.	Society of Professional Engineers
12—Friday	8:00 P.M.	Art Class. Techniques and Drawing of the Figure in Life. Lesson 6
	8:00 P.M.	Folk Dancing — Swedish Dances
13—Saturday	3:00 P.M.	Section of Natural History. Field Trip. Meet at Seaview Hospital Administration Bldg., (Bus No. 111 from St. George 2:15 P.M.)
	8:15 P.M.	16th Annual Exhibition of Microscopic Objects by the Staten Island Microscopical Society
14—Sunday	3:30 P.M.	Reception to open the 12th Annual Exhibition of Work by Staten Island Artists
15—Monday	8:00 P.M.	"Creative Writing," by Prof. Robert W. Cumberland
	8:00 P.M.	S. I. Oratorio Society
	8:15 P.M.	Board of Trustees, Quarterly Meeting
16—Tuesday	7:15 P.M.	Specialized Study on Plant Census
	8:00 P.M.	Nature Study Group
	8:30 P.M.	Treble Ensemble
18—Thursday	1:00 P.M.	Seamen's Church Institute
22—Monday	2:00 P.M.	Fortnightly Club. "Anything Can Happen," by George and Helen Papashvily. Miss E. J. Schneider
	8:00 P.M.	S. I. Philatelic Society
	8:00 P.M.	S. I. Oratorio Society
23—Tuesday	8:30 P.M.	Treble Ensemble
24—Wednesday	10:30 A.M.	Woman's Auxiliary. "Why Music?" by Mrs. Ralph R. McKee
	8:30 P.M.	Section of Photography. Print Competition
25—Thursday	2:00 P.M.	League of Women Voters
	8:15 P.M.	Recital, George Martin, Piano; Miss Nina Martin, Flute
26—Friday	8:00 P.M.	Folk Dancing. Dances of All Nations. Party to close the season
27—Saturday	8:00 P.M.	Section of Natural History Meeting. "Crystals" by Charles Ericson
28—Sunday	8:00 A.M.	Bird Walk. Observation of spring warblers. Meet at Richmond and Clove Roads, Concord
29—Monday	8:00 P.M.	"Creative Writing," by Prof. Robert W. Cumberland
	8:00 P.M.	S. I. Oratorio Society
30—Tuesday	8:30 P.M.	Treble Ensemble

JUNIOR MUSEUM

Senior Science Club	Mondays	3:45-5 P.M.
Clay Modeling	Tuesdays	3:30-5 P.M.
Junior Nature Club	Wednesdays	3:30-5 P.M.
Junior Bird Study	Wednesdays, April 3, 17	7 P.M.
Movies	Fridays	4 P.M.
Painting and Drawing	Saturdays	10-12 noon
Stamp Club	Saturdays	10-12 noon
Microscopical Club	Saturdays	10-12 noon

MUSEUM BULLETIN

VOLUME XXVIII, No. 8 — MAY, 1946

SIXTY-FOURTH ANNUAL INSTITUTE MEETING

"NEAR HORIZONS"

Edwin Way Teale, nationally known author, photographer and lecturer will present "Near Horizons," the fourth William T. Davis Memorial Lecture. Superbly illustrated by Kodachrome moving pictures, this program will appeal to hundreds of Staten Islanders.

In order to provide the best possible arrangements for this lecture we are holding it in the auditorium of

McKee Vocational and Technical High School

Belmont Terrace and Wall St.

Saturday, May 18, 8:15 P.M.

OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK



NEAR HORIZONS

Edwin Way Teale, an outstanding personality both as author and lecturer, is exceptionally well qualified to present the William T. Davis Memorial Lecture at our annual meeting. His lecture, "Near Horizons," is the result of a unique combination of keen observation, photographic skill and literary ability and his Kodachrome moving pictures are marvels of beauty.

Mr. Teale's accurate knowledge of insect ways has been gained from eleven years of observation in his "Insect Garden" on Long Island, "where," he writes, "I plant things to attract six legged visitors for study and photographing." He has taken more than 15,000 insect and nature photographs. They have been used in textbooks for colleges and high schools, in murals, in magazines, in scientific papers and he has contributed nature features and photographs to more than half a hundred publications here and abroad.

Mr. Teale is the author of eight books: *The Book of Gliders*, 1930; *Grass-root Jungles: A Book of Insects*, 1937 (Published in England in 1939. Translated into Braille by the Library of Congress, 1941); *The Boys' Book of Insects*, 1939; *The Boys' Book of Photography*, 1939; *The Golden Throng: A Book about Bees*, 1940 (Published in England in 1942, now being brought out in Sweden); *Byways to Adventure*, 1942; *Near Horizons, The Story of an Insect Garden*, 1942 (Awarded the John Burroughs Medal for 1943) and *Dune Boy*, 1944.

NATURE SNOOPING - KLONDIKE AVENUE WOODS

Lee A. Ellison

We are assured that folks lost in woodlands travel in circles. If such a lost wanderer could concentrate on observing trees and flowers as he circled, he would doubtless be of a lot of value in adding to our nature knowledge. For what he missed the first time around he would see in his later circlings.

Though not exactly lost, I circled a-plenty on bright and beautiful Palm Sunday afternoon through the tract of wet woodland lying between Rockland and Klondike Avenues. It is an unfrequented area, not easy to penetrate, but rewarding a hardy nature-lover with many a rarity, and wild, woodland beauty for every season. On this occasion the ground was carpeted with surpassingly beautiful masses of bloom of two of our much-loved spring flowers—trout lily (adder's tongue, dog-tooth violet), and spring beauty, the exalted cousin of despised garden purslane.

(Continued on Page 75)

THE CROPSEY PAINTING



The opening of the Twelfth Annual Exhibition of work by Staten Island artists on Sunday, April 14, was the occasion of the presentation to the Museum of a large painting, "Looking Eastward from Todt Hill, 1895" by Jasper Francis Cropsey.

Funds for the purchase of the painting were raised by a committee consisting of Mr. Hans Hinrichs and Mr. Alfred T. Pouch. The Institute wishes to acknowledge with gratitude their part as well as that of the following donors in making the presentation possible: D. R. J. Arnold, Mrs. A. J. Badenhause, Albert Barbelle, Cecil C. Bell, Leslie D. Bissell, Jr., Daniel L. Bridgman, Ellsworth Buck, Roswell S. Coles, A. Benbow Elliman, Hon. Albert C. Fach, Mrs. Tom Garrett, Mrs. Erna Burry Gerber, Mrs. A. W. Hoffmeyer, Hans Hinrichs, Fred W. Hopping, Manuel J. Johnson, Percy A. Leason, Edward L. Love, William Lucaa, Mark Milnes, Karl O. Nesslinger, Harold J. O'Connell, Mrs. Elizabeth Parke, J. J. Perosi, Alfred T. Pouch, John H. Ray, Section of Art, S. I. Institute of Arts and Sciences, Robert C. Stanley, Louis Stirn, August Stumpp, Edwin Stumpp, Walter A. Tyler, Leo Wallerstein, Mrs. F. Winthrop White.

Percy Leason, President of the Section of Art, presented a paper, "The Place of Cropsey in the World of Art," which will be printed in the next issue of the *Proceedings*. Mrs. Dorothy Carter Sanders provided a musical program, accompanied by Mrs. Helen Hillyer Haydock. Warren Condit, representing the Staten Island Camera Club, photographed the presentation. Dr. James P. Chapin presided and Mr. Hinrichs represented the donors.

STATEN ISLAND CAMERA CLUB

A sound film, "Master of Photography," depicting the work of Commander Edward Steichen during the war, will be shown at the meeting of the Camera Club Wednesday, May 8 at 8:30 P.M. in the Museum.

FLOWERS OF OUR FIELDS, THE ROSES

I. C. G. Cooper

If no rose in my garden grows,
'Tis a desert, empty and cold.
But if just one with radiance glows,
'Tis a paradise untold.

When we are enraptured with the beauty of color, form and perfume of a rich, dark, garden rose it seems to be anything but a primitive flower. However, if we let our thoughts wander back to the wild rose from which our garden rose has been evolved we shall be considering a native whose beauty lies in its simplicity.

The wild rose is but little in advance of the buttercup. True, its color is more attractive, but its *form* is almost as elementary. A glance at one of the wild rose's near relatives, the common cinquefoil, will help us more easily to see that the rose family has quite a close resemblance to the buttercups.

Comparing the structure of any one of Staten Island's forty or more members of the family ROSACEAE with the previously described structure of the RANUNCULACEAE we find an equally simple formula linking the relationship of the parts of the flowers. There are five similar separate sepals, five similar separate petals, many stamens but these now grouped in multiples of five, and a varied number of pistils. Looking at the flower in section we will, however, notice a slight but significant difference. A wild rose (genus *Rosa*), the highest in the development of the family, is shown in section below. In the diagram observe that the receptacle is slightly lowered and that there is a small bulbous swelling below the level at which the sepals, petals and stamens radiate. The ovaries are in this bulb which eventually swells to make the familiar rose hip. The sepals, petals and stamens appear to spread from the rim of a short tube or cup-like extension of the stem which brings the floral parts nearer to the tops of the pistils. The regularity in the number of stamens, reduction in number of pistils and the lowering of the receptacle indicate an evolutionary advance beyond the primitive buttercups.

The family ROSACEAE is represented on Staten Island by *Spiraea*, Cinquefoil, Wild Strawberry, Agrimony, Geum, Blackberry and Wild Rose.

Our two *Spiraeas* are Meadow-sweet and Hardhack. Both are low shrubs which bear spikes of numerous small flowers.

Meadow-sweet (*Spiraea latifolia*). Stems to 4 ft. high, smooth, reddish, with alternate, coarsely toothed leaves to 2 inches long. Flowers white to pinkish, each barely one-quarter inch in diameter in a dense bunch. Especially beautiful.

Hardhack (*Spiraea tomentosa*). Stems stiffly erect, hairy. Leaves narrower than in Meadow-sweet, smooth and dark on upper side with woolly whitish hairs on the underside. Usually in low swampy ground.

Common Cinquefoil—Five-finger (*Potentilla canadensis*). One of the earliest of our low growing plants to show green leaves. Even in February, where snow has melted, its five parted compound leaves indicate the re birth of plant life for the advancing year. Spreads over ground by slender runners. Small

MUSEUM BULLETIN of the Staten Island Institute of Arts and Sciences, Vol. XXVIII, No. 8, May, 1946. Published monthly, except June, July and August, by the Staten Island Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island, N. Y. and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912. Roswell S. Coles, Editor.



Section of Rose



Cinquefoil



Meadow-sweet

yellow flowers on slender stems which spring from axils of stem leaves. Sepals sharp pointed and show up between the slightly larger petals.

Rough Cinquefoil (*Potentilla monspeliensis*). Much stouter, may grow to two feet high. Plant is rough hairy and the leaves are only three parted. Since these leaves are like those of the strawberry the plant is sometimes called the Barren Strawberry. The flowers are yellow, smaller than those of the common cinquefoil and the sepals are longer than the petals.

Silvery Cinquefoil (*Potentilla argentea*). With us quite rare but a very attractive plant. The leaves are smooth green on top and white hairy below, which feature gives the plant its name, and are much sharper cut than other cinquefoils. Flowers similar to *P. canadensis* but grouped in small bunches at the top of the stem.

Dwarf Five-finger (*Potentilla pumila*). This may be found on dry banks. Seldom more than a few inches high, the flowers are on stems springing from the center of the plant. The whole plant is somewhat silky due to the presence of small hairs.

(To be continued)

The writer acknowledges with thanks the assistance of Miss Jean Leason in preparing the illustrations.

MAY NATURAL HISTORY

Special Program

A program of unusual interest will be presented at the regular meeting of the Section of Natural History on Saturday, May 25, at 8 P.M. Mr. J. J. Harley, A.L.C., of Madison, N. J. will show his prize winning dramatic film, "In His Own Judgment," with recorded musical score, which received the 1944 Hiram Percy Maxim Memorial Award. The setting of this unusual story is in the Adirondack Lake country and all nature lovers are urged to attend.

Field Trips

The series of special Spring bird trips conducted by the Natural History Section continues with a Sunday morning hike, May 5, at 8 A.M. for the

purpose of observing migrating warblers. The group will meet at Clove Road and Victory Boulevard, Sunnyside, and will walk through Clove Lakes Park into Little Clove Valley, a favorite ground for many spring migrants.

The regular field trip will be held on Saturday, May 11, starting from the Eltingville S.I.R.T. station at 3 P.M. (2:29 train from St. George). The walk will proceed up Richmond Avenue past P. S. 42, following Sweetwater Brook through picturesque woodland to Annadale Road and thence to the railroad station at Annadale.

Study Group

The study meeting on May 14 at 7:15 P.M. will continue its work on the plant census and herbarium. We are counting on this to be one of the most productive meetings for plant study. All members are urged to bring or send specimens of spring flowers for the herbarium. Lee A. Ellison

Junior Naturalists' Saturday Hikes

Frank Napier, Curator, will lead the Junior Naturalists on two special hikes in May as follows:

May 4—Trip to Oakwood Beach to study marine life, leaving the Museum at 9:00 A.M.

May 25—Trip to Clove Lakes Park to study woodland birds and flowers, leaving the Museum at 9:30 A.M.

S. I. MICROSCOPICAL SOCIETY EXHIBITION

The 16th Annual Exhibition by the Staten Island Microscopical Society was held on Saturday evening, April 13, 1946, in the gymnasium of the S. I. Day School. Twenty-nine individual members and guests of the Society and forty-three students from eight Island educational institutions displayed over 150 exhibits ranging from precious metals like gold, silver and platinum to highly scientific slides of tiny plants and animals. Institutions represented were: Wagner College, Notre Dame College, Augustinian Academy, Curtis High School, New Dorp High School, Port Richmond High School, Staten Island Day School and the Junior Museum Naturalists of the S. I. Institute of Arts and Sciences.

The Exhibition, which constituted the 324th regular meeting of the Institute, was arranged by a committee consisting of I. C. G. Cooper, Chairman, Roswell S. Coles and Dr. Ralph E. Deal.

May Meeting

The May meeting will be held in the Museum on May 1 at 8 P.M. George E. Ashby will speak on "Devitrification and Decay of Glass."

STAFF CHANGES

Following the resignation on April 1 of Mrs. Parke as Curator of the Museum we are pleased to announce the appointment of Mr. Napier to that position and of Miss Leason to the position of Assistant Curator.

We also extend a welcome to Miss Mabel Abbott who joined the staff as Museum Assistant on April 15. Miss Abbott brings many special abilities to the Museum, most particularly a professional literary background and a useful knowledge of Mr. Davis's vast local collections. In addition to her work on the Davis biography her chief duty will be to integrate the Davis material, especially the library, with the Museum collections.

ANNUAL MEETING OF THE BOARD OF TRUSTEES

The annual meeting of the Board of Trustees of the Institute will be held in the Museum on Saturday, May 25, at 7:30 P.M. At this meeting, election of officers will be held, reports presented and the budget for 1946-47 approved.

INSTITUTE COUNCIL MEETING

The regular meeting of the Institute Council will be held in the Museum on Tuesday, May 7, at 8:15 P.M. for the purposes of electing officers and discussing plans for publication of annual reports.

SUMMER PROGRAM

The May *Museum Bulletin* is the final regular number for the season. A special Summer Calendar will be mailed early in June. Annual reports will be issued in September and the first number of Volume XXIX will start the new season in October.

ELECTION NOTICE

The terms of seven elective Trustees of the Institute expire in May, 1946. These are: Joseph F. Burke, Lee A. Ellison, Edna L. Hoffmeyer, T. Livingstone Kennedy, Cornelius G. Kolff, Joseph A. Palma, Frank A. Strauss.

Their successors will be elected at the Annual Meeting of the Institute, May 18, 1946. In accordance with the by-laws, a nominating committee consisting of Daniel L. Bridgman, Chairman, Hon. Edward G. Baker, Charles E. Ericson, William Halloran, and Karl O. Nesslinger was announced by the President at the Institute Meeting on April 13. This committee will submit for election by ballot at the Annual Meeting names of candidates selected by them and any other nominations made by any ten members of the Institute and transmitted to the committee not less than five days prior to the Annual Meeting.

NATURE SNOOPING (Continued)

The tree and shrub growth here consists mainly of black haw, tough, tangled and spreading; spice bush, this day in golden bloom and exhaling its pleasant, grape-like perfume; red maple and elm and white oak. Here we find the only known local specimens (only three) of hop hornbeam. Two of the trees are "twins," with a small tree growing from the base of the larger. Here is a stand of Christmas fern, located a year ago, but on visits since then, not found, because I did not landmark the location, and landmarks are either too few or too many,—at any rate confusing. Here is our greatest stand of wild ginger. It is the location of a great many multiple-trunked American lindens or basswoods, apparently having grown from old stumps since some lumbering enterprise of a half-century ago.

I found three patches of leeks, and they brought back old recollections of district school days, when the boys and girls ate many a leek as dessert to the tin pail lunch, in order to offend the school marm with mass halitosis.

Now, sub rosa, here I found for the second Spring, Staten Island's rarest Spring flower, so nearly extinct that its name is sacred and not to be mentioned. I photographed three of its pure white flowers (while squatting in a tangle of catbriar), and here's hoping I'm a better photographer than previous attempts would indicate.

Many another visit, many another scratch and many another wet foot must come and go before I have learned all the nature secrets of the Klondike Avenue woods.

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

CALENDAR — MAY, 1946

1—Wednesday	— 8:00 P.M.	S. I. Microscopical Society. "Devitrification and Decay of Glass,"—George Ashby
2—Thursday	— 1:30 P.M.	Annual Dessert Bridge of the Woman's Auxiliary
3—Friday	— 8:00 P.M.	Art Class. Techniques and Drawing of the Figure in Life. Lesson 7
5—Sunday	— 8:00 A.M.	Spring Bird Walk. Meet at Victory Blvd. and Clove Road, Sunnyside
	— 8:00 P.M.	S. I. Oratorio Society. Concert at Messiah Lutheran Church, Jefferson Blvd., Annadale
6—Monday	— 2:00 P.M.	Fortnightly Club. "Old Glass," Mrs. R. W. Moller
	— 8:00 P.M.	"Creative Writing,"—Prof. Robert W. Cumberland
	— 8:00 P.M.	S. I. Oratorio Society
7—Tuesday	— 8:15 P.M.	Institute Council Meeting
	— 8:30 P.M.	Treble Ensemble
8—Wednesday	— 8:30 P.M.	Section of Photography. Sound Film, "Master of Photography," showing the work of Commander Edward Steichen during the war
9—Thursday	— 8:00 P.M.	Society of Professional Engineers
11—Saturday	— 3:00 P.M.	Section of Natural History, Field Trip. Meet at Eltingville S. I. R. T. Station
13—Monday	— 8:00 P.M.	"Creative Writing,"—Prof. Robert W. Cumberland
	— 8:00 P.M.	S. I. Oratorio Society
	— 8:00 P.M.	S. I. Philatelic Society
14—Tuesday	— 7:15 P.M.	Specialized Study on Plant Census
	— 8:30 P.M.	Treble Ensemble
16—Thursday	— 1:00 P.M.	Seamen's Church Institute
17—Friday	— 8:00 P.M.	Art Class. Techniques and Drawing of the Figure in Life. Lesson 8
18—Saturday	— 8:15 P.M.	Wm. T. Davis Memorial Lecture and Annual Institute Meeting. Edwin Way Teale presents "Near Horizons," illustrated with color motion pictures, at McKee High School, Belmont Place and Wall Street
19—Sunday	— 3:30 P.M.	Belles Lettres Society. At the home of Mr. and Mrs. Mark Kerr. "Eighteenth Century Comedy," by Miss Alice Lawrence
20—Monday	— 2:00 P.M.	Fortnightly Club, Biennial at the home of Mrs. Ivins S. Tanner
	— 8:00 P.M.	S. I. Oratorio Society
21—Tuesday	— 8:30 P.M.	Treble Ensemble
22—Wednesday	— 8:30 P.M.	Section of Photography. Print Competition
23—Thursday	— 8:15 P.M.	Sons of the American Revolution
25—Saturday	— 7:30 P.M.	Annual Meeting of the Board of Trustees
	— 8:00 P.M.	Section of Natural History. "In His Own Judgment," colored motion picture by J. J. Harley
27—Monday	— 8:00 P.M.	S. I. Oratorio Society
	— 8:00 P.M.	S. I. Philatelic Society
28—Tuesday	— 8:30 P.M.	Treble Ensemble
	— 10:30 A.M.	Woman's Auxiliary. Annual Meeting and Election of Officers. Film, "Wheels Across India."
29—Wednesday	— 2:00 P.M.	League of Women Voters

JUNIOR MUSEUM

Senior Science Club	 Mondays	3:45-5 P.M.
Clay Modeling	 Tuesdays	3:30-5 P.M.
Junior Nature Club	 Wednesdays	3:30-5 P.M.
Junior Bird Study	 Wednesdays	7 P.M.
Movies	 Fridays	4 P.M.
Painting and Drawing	 Saturdays	10-12 noon
Stamp Club	 Saturdays	10-12 noon
Microscopical Club	 Saturdays	10-12 noon

Junior Naturalists' Saturday Hikes

May 4—Trip to Oakwood	Leave the Museum at 9 A.M.
May 25—Trip to Clove Lakes Park	Leave the Museum at 9:30 A.M.

MUSEUM BULLETIN

VOLUME XXVIII, No. 9—SEPTEMBER, 1946

ANNUAL REPORTS



"Skullduggery" in the Junior Museum.
Robert Mathewson, Curator, explains some of the fine points
to a group of students, July, 1946.

OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

July 1, 1946

Officers

President.....	Dr. James P. Chapin
First Vice-President.....	Dr. Frank A. Strauss
Second Vice-President.....	Edna L. Hoffmeyer
Treasurer	Robert M. Leng
Secretary	Roswell S. Coles

Board of Trustees

TERMS EXPIRE 1947	TERMS EXPIRE 1948	TERMS EXPIRE 1949
Andrew M. Anderson	Dr. James P. Chapin	Joseph F. Burke
Viola M. Carew	Howard H. Cleaves	Edna L. Hoffmeyer
Edward G. Baker	Isaiah C. G. Cooper	Lee A. Ellison
Mildred S. Grimes	Robert M. Leng	T. Livingstone Kennedy
Herman W. Ordeman	Loretta S. Dreyer	Cornelius G. Kolff
Edward M. Stothers	Loring McMillen	Joseph A. Palma
Daniel L. Bridgman	William M. Halloran	Dr. Frank A. Strauss

Ex-officio Members

The Mayor of the City of New York
Hon. William O'Dwyer
The Commissioner of Parks
Hon. Robert Moses
The President of the Borough of Richmond
Hon. Cornelius A. Hall
The Assistant Superintendent of Schools in the Borough of Richmond
Dr. I. Victor Burger

Staff

Director	Roswell S. Coles
Administrative Assistant.....	Carla E. Nesslinger
Curator, Natural History.....	Robert Mathewson
Curator, Art.....	Jean Leason
Curator, Davis Collections.....	John Koestner
Librarian	Mabel Abbott
Research Associate, Genealogy.....	Frank P. Bascom
Music Director.....	John L. Bainbridge
Assistant Music Director.....	Marjorie Sunderman
Accompanist	George Martin
Guard	Charles C. Stoddard
Janitor	Solomon Van Blerkon
Watchman	Harrison Johnson
Custodian, Britton Cottage.....	Capt. John Wilson

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES



"Lincoln Building," by Oliver Balmer.
First Prize, Annual Competition, Staten Island Camera Club, 1946.

ANNUAL REPORTS

1945—1946

This issue of the *Museum Bulletin* brings to a close our sixty-fourth year. It has been an important year and one of increased responsibilities. The William T. Davis Natural Science Fund has made possible a greatly extended program of Institute activities and these along with increased collections make the need for a larger building more acute. During the year steps were initiated to provide such a new Museum building near the corner of Clove Road and Martling's Lane and it is hoped that complete plans will be ready in 1947.

It is useful to consider occasionally the purposes of our Society. These are "to encourage an interest in the sciences, arts and history; to collect and preserve objects of scientific and historic interest, especially such as relate to Staten Island; to establish and maintain a public museum and reference library:

to provide facilities for recording and publishing scientific and historic information; to preserve from needless destruction such plants and animals as are harmless and to protect objects and places of natural beauty and of historic interest."

The following Annual Reports will explain in detail how the Institute has fulfilled its stated obligations.

JAMES P. CHAPIN President.

REPORT OF THE SECRETARY AND DIRECTOR

Board of Trustees The management of the Institute is vested in the Board of Trustees of twenty-one elective members and four members ex-officio. On taking office as Mayor of the City of New York and as President of the Borough of Richmond, Hon. William O'Dwyer and Hon. Cornelius A. Hall became members ex-officio and Mr. Joseph A. Palma was elected to fill the unexpired term of Mr. Hall as an elective Trustee. Mr. William Regan, Acting Borough Director of Parks has taken the place of A. M. Anderson as the representative of the Department of Parks and we are pleased that Mr. Anderson is maintaining his elective trusteeship even though his new position has taken him to Baltimore.

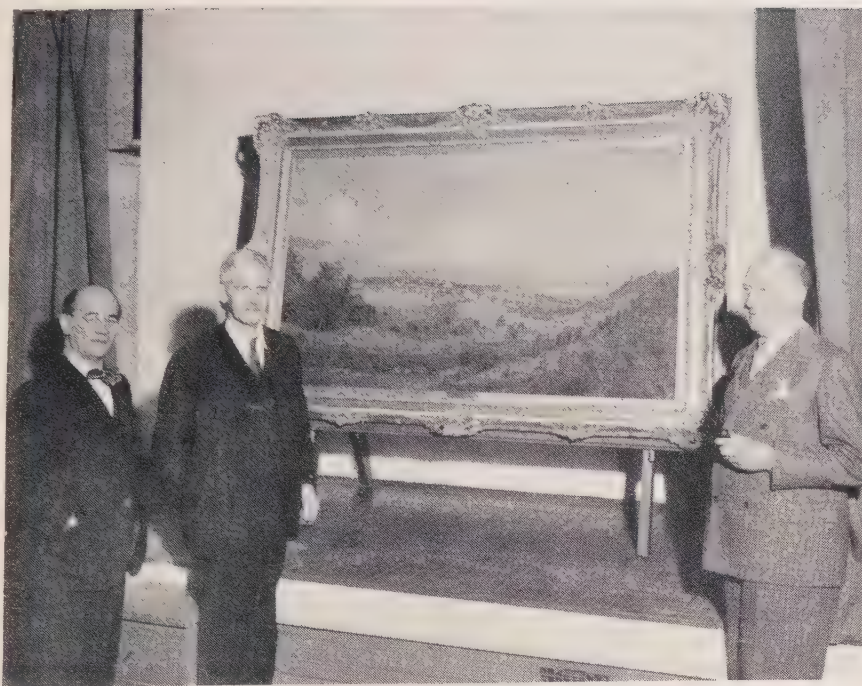
The following Trustees were elected for a term of three years at the Annual Meeting of the Institute on May 18, 1946: Joseph F. Burke, Edna L. Hoffmeyer, Lee A. Ellison, T. Livingstone Kennedy, Cornelius G. Kolff, Joseph A. Palma, Dr. Frank A. Strauss. The officers of the Institute were returned to office unanimously at the annual meeting of the Board of Trustees on May 25, 1946.

The Board of Trustees held four regular and three special meetings during the year. During the summer of 1945 a plan to preserve Mr. Davis' home at 146 Stuyvesant Place had to be abandoned as it was found impractical to convert the house into a usable structure. The house was sold to the S. I. Savings Bank and the remaining Davis collections were brought to the Museum.

On October 15, 1945, the Board formally approved the establishment of a William T. Davis Scholarship at Wagner Memorial Lutheran College, Staten Island, for the purpose of "Aiding a student, preferably a resident of Staten Island, in following the study of Natural Science (or some special branch) as a life work." On recommendation of the College, Miss Nieves Ribes, 47 Carmel Avenue, Staten Island, was awarded the scholarship. During the past year Miss Ribes conducted a Museum group in microscopy each Saturday morning. Miss Carlita Nesslinger joined the Museum staff for the summer of 1946 through the Davis Scholarship Fund.

The Institute received a bequest from Robert Goerlich of \$9,451.12 during the year, as noted in the Report of the Treasurer and information was

MUSEUM BULLETIN of the Staten Island Institute of Arts and Sciences, Vol. XXVIII, No. 9, September, 1946. Published monthly, except June, July and August, by the Staten Island Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island, N. Y. and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912. Roswell S. Coles, Editor.



Mr. Leason, Dr. Chapin and Mr. Hinrichs at the presentation of
 "Looking Eastward from Todt Hill, 1895," by Jasper Francis Cropsey.
 Photo by Warren Condit.

received that \$1,000.00 has been bequeathed to the Institute by a former trustee, Mr. George W. Tuttle.

It was voted to transfer the type specimens of the Davis Cicada collection to the American Museum of Natural History and a record of this transfer will be made in the next issue of the Proceedings.

The Board also went on record as favoring an auditorium as the most fitting war memorial.

Staff The following changes have been made in our Museum staff during the year. Mrs. Parke resigned as curator on March 30, 1946. Frank Napier, who came to us as Assistant Curator on September 1, 1945, took Mrs. Parke's place as Curator and Jean Leason became Assistant Curator at the same time. Miss Mabel Abbott became Museum Assistant with the title of Librarian on April 15. Mr. Napier resigned on June 30 and his position has been filled by Robert Mathewson.

City of New York The staff has received \$1,000.00 additional cost of living increases from the City of New York and the total budget has been increased to \$16,410.00. As noted in the President's Report, the Department of Parks has agreed on the need for a new Museum building and a request for funds for plans and specifications is included in the present Capital Budget. Our thanks are extended to Commissioner Robert Moses and to Mayor William O'Dwyer for their continued interest and support.

Collections Collecting, preserving, studying and utilizing objects related to Staten Island occupy a large part of the energies of the staff and

many members. There have been 182 accessions of one or more objects during the year, including books for the library but excluding periodicals and a great deal of unaccessioned natural history material. Twenty paintings have been accessioned including the Cropsey, "Looking Eastward from Todt Hill, 1895," Mrs. Wigand's "Mother" and others noted in the report of the Section of Art. Under Mrs. Parke's direction an increased interest has been shown in our collection of watches and 37 watches and watch works have been added by purchase and by gift.

Several pieces of Victorian furniture and related objects have been saved from Mr. Davis's home to provide the basis for a memorial room. At the present time these may be seen in the Director's office.

As noted in the President's report, the type specimens of Mr. Davis's Cicada collection have been turned over to the American Museum of Natural History. Mr. Koestner has continued to care for the Museum collection of insects which now includes the Davis collections.

Increased activity of the plant census committee has stimulated an interest in the Museum herbarium and new material is being added frequently, due largely to the efforts of Miss Mathilde Weingartner and Messrs. Ellison, Cooper, Ericson and Rundlett.

Britton Cottage The Britton Cottage was presented to the Institute in 1915 by Dr. Nathaniel L. Britton. It is open daily except Monday from 10-5, Sunday from 2-5 P.M. Under Mr. McMillen's supervision the Cottage and grounds have undergone considerable redecoration and repair and particularly during the summer they present a most attractive appearance. Mr. W. R. Britton has made several donations of furniture and rugs to add to the charm of the old house.

In order to honor Dr. Britton and to commemorate more fully his achievements in the field of Botany a plan has been initiated to create a memorial garden at the Cottage and a committee of which I. C. G. Cooper is chairman, was appointed by the Board of Trustees to undertake a preliminary study of the project.

Exhibitions Mr. Napier has prepared several new exhibits of nature subjects including sponges, reptiles, rodents and insects. He has also constructed an Indian grave with a skeleton articulated from remains found at several scattered Indian sites. Mr. Davis's famous Mud Turtle, "Molly" has joined the Museum group of living exhibits. Mrs. Parke arranged a special exhibit of watches and watch works as noted in the April *Bulletin*. Ethnological material, lent by Mrs. Doris Leonard and Miss Cecilia Egan and Staten Island stamps and covers lent by Elliott Burgher have provided interesting exhibits. Mrs. Burgher's collection of pitchers has continued on exhibition during the year.

Eight exhibitions of pictures have been held in the Museum, and there have been frequent exhibitions of photographs provided by the S. I. Camera Club. There have been six rotary shows in Staten Island libraries and at Wagner College and six members of the Institute have held one man shows.

As noted above, several pieces of antique furniture, paintings and china have been placed on display at the Britton Cottage.

Lack of proper storage and exhibition space continues to be the chief difficulty in the operation of the Museum. A continuous effort is being made to change our exhibits frequently and to have them reflect the current activities of our various groups. However this can be done under present conditions only in part.

Publications In October, 1945, The *Museum Bulletin* appeared as a monthly publication to provide more adequate space for Institute activities and material relating to Staten Island. In addition to regular notices and articles by staff members there were twenty-three articles by the following: Volney Avery, Patricia Barlow, A. T. Beals, Joseph F. Burke, Howard H. Cleaves, I. C. G. Cooper, Lee A. Ellison, Ed Hannigan, Olga E. Irish, Percy Leason, Raymond J. Reddy, Edwin A. Rundlett and Dr. D. B. Steinman. Of particular interest are two nature series, "Flowers of our Fields" by I. C. G. Cooper and "Nature Snooping" by Lee A. Ellison. There have been twenty-seven illustrations, half-tones or line drawings in this volume of the *Bulletin*.

Special note should be made of the column, "Walks with Nature," by Lee A. Ellison which appears each Thursday in the *Staten Island Advance*.

During the summer of 1946 work is progressing on Vol. X parts 3-4 of the *Proceedings* and this issue should be ready early in the fall. Miss Abbott is continuing her work on the Davis biography.

Membership On May, 1, 1946, the Institute consisted of 1 Honorary Member, 5 Patrons, 3 Fellows, 43 Life Members, 412 Annual Members, 307 Members of the Woman's Auxiliary and approximately 300 Associate Members.

During the year there have been several changes in group membership. The S. I. Bird and Nature Club, the S. I. Camera Club, the S. I. Microscopical Society and the Folk Dance Group became Sections of the Institute under the following designations: Section of Natural History, Section of Photography, Section of Microscopy and Section of the Dance. The Horizon Club Choral Ensemble and the Fortnightly Club discontinued their affiliation with the Institute. The S. I. Choral Society changed its name to the S. I. Oratorio Society.

We regret the passing of the following Institute members: Mrs. K. P. Emmons, Eberhard Faber, Frank Hankinson, Herbert L. Howe, Mrs. C. A. Ingalls, Edmund L. Judson, Miss Agnes Pollard, Charles L. Pollard, Mrs. Elsie G. Rouse, Harry Vitt.

Staten Island lost two staunch friends during the year, Capt. "Bob" Bartlett and Robert Hagelstein. Miss Abbott is preparing an account of Capt. "Bob" on Staten Island for the forthcoming issue of our *Proceedings* and a biographical note on Mr. Hagelstein was written by Mr. Burke for our February *Bulletin*.

A new class of membership, "Fellow," was established by an amendment to the Institute By-laws passed March 18, 1945, "to honor those who have rendered conspicuous service to the promotion of the arts and sciences." The first election of Fellows was held at a meeting of the Board of Trustees on April 15, 1946, resulting in the election of Dr. Mary Meade, Mr. Harold J. O'Connell and Dr. Clarence C. Stoughton. Presentations were made by Dr.

Chapin at the Annual Meeting on May 18, 1946, with the following citations:

DR. MARY ELLEN MEADE

(Education)

Because you have been long associated with education on Staten Island, from the time you became a teacher in Curtis High School in 1920 through your service as Principal of Totterville High School in 1944,

And because you hold many positions of honor and responsibility in the field of education: Board of Trustees of the Academy of Public Education in New York City, Board of Trustees of the School Art League, Board of Trustees of Notre Dame College, and you are active in many other professional organizations,

And because, in spite of the fact that you are now principal of Washington Irving High School in Manhattan, you continue to give your time generously to your community, particularly as President of the Staten Island Council for Democracy and as Vice-President of Staten Island Social Service and of the Staten Island Community Chest,

You have been elected a Fellow of the Staten Island Institute of Arts and Sciences, April 15, 1946.

HAROLD J. O'CONNELL

(Zoology)

Because you have had a lifelong interest in herpetology which has led directly to the founding of the Staten Island Zoo, and because you have served the Zoo since its founding as Vice-President, and have been this year elected President,

And because this interest has been recognized by your election as Secretary of the New York Zoological Society,

And because you have served your community in many ways: As a member of the Board of Trustees and President of the Staten Island Academy and the Board of the Staten Island Hospital, Staten Island Savings Bank, and the Community Chest,

You have been elected a Fellow of the Staten Island Institute of Arts and Sciences, April 15, 1946.

DR. CLARENCE C. STOUGHTON

(College Administration)

Because of your many years' association with Wagner College, beginning as instructor in history in 1919 and including your ten years as President from 1935 to 1945, during which time you were instrumental in increasing the educational opportunities of the community.

And because your interest in community affairs has led you to take an active part in Island life as Director of the Chamber of Commerce and of the Staten Island Council of Boy Scouts of America, Campaign Chairman of the Staten Island Community Chest, President of the Staten Island Federation of Churches, and Secretary and President of the Kiwanis Club,

And because you have been called to a wider post as Stewardship Secretary of the United Lutheran Church in America,

You have been elected a Fellow of the Staten Island Institute of Arts and Sciences, April 15, 1946.



Presentation of Fellows at the Annual Institute Meeting, May 18, 1946.
Mr. Coles, Mrs. Flatow, Dr. Chapin, Dr. Meade, Dr. Stoughton, Mr. O'Connell.
Photo by Warren Condit.

Activities Regular Institute meetings were held monthly from October to May in the auditorium of the Staten Island Day School. The Annual Meeting took place at McKee Vocational and Technical High School. Programs at Institute meetings included four William T. Davis Memorial Lectures made possible by the Davis Natural Science Fund.

October 13, 1945: Davis Memorial Lecture. William L. Darden, "Alaska and the Alaska Highway." Colored motion pictures of America's last frontier.

November 17, 1945: Sixty-fourth anniversary dinner, held at the Meurot Club. Motion picture, "Wonders of the Great Barrier Reef."

December 15, 1945: Davis Memorial Lecture. Curtis F. Nagel, "South by Skies." A colored motion picture record of a flight from Trinidad through the Guianas, Brazil, Argentina and Chile.

January 19, 1946: Olga E. Irish, F.R.P.S., A.P.S.A., "How I Take Prize Portraits," held in connection with the annual exhibition of the Staten Island Camera Club.

February 16, 1946: Maximilian A. Rasko, "I Dare to Speak on Art," including a demonstration of the lecturer's technique in oil painting.

March 16, 1946: Davis Memorial Lecture. John Harvey Furbay, "Five Thousand Miles down the Pan-American Highway." Colored motion pictures of the great highway from Mexico to Quito with typical scenes, towns, customs and experiences along the way.

April 13, 1946: Sixteenth Annual Exhibition of Microscopic Objects by the Staten Island Microscopical Society. Twenty-nine members and guests and forty-three students from eight Island educational institutions took part.

May 18, 1946: Sixty-fourth Annual Institute Meeting. Davis Memorial Lecture. Edwin Way Teale, "Near Horizons." Colored moving pictures of the famous Teale "Insect Garden."

Seven hundred and forty-six other meetings, lectures and classes were held during the year, 376 for adults and 370 for young people. This was an increase of 68 adult and 59 young people's programs over last year. Total attendance was 54,394, a gain of 2,325. In addition, the Institute was also represented on several occasions at public meetings devoted to community activities, particularly the conference, "The Role of the Community in Education" at Curtis High School, May 8, sponsored by Dr. I. Victor Burger, Assistant Superintendent of Schools. Dr. Chapin and Mr. Coles represented the Institute at the annual meeting of the American Association of Museums at Washington, May 17 and 18, 1946.

The regular adult life class was conducted by Mr. Leason as an in-service course for teachers. Prof. Robert Cumberland gave a non-credit course in Creative Writing which was exceptionally well attended. During the 1946-1947 season the Institute will offer several new in-service credit courses in music, art, natural history, folk dancing and creative writing. A full announcement will be made early in the fall.

Junior Museum Activities Regular classes were held daily after school and on Saturdays. Miss Leason directed clay modeling and drawing, Mrs. Parke, folk dancing and crafts, Mr. Napier, nature study, bird study and stamp club, Miss Ribes, microscopy. The return of peace brought many more classes to the Museum: 102 programs were given to approximately 3,400 students.

Mr. Napier gave 56 lectures in Staten Island school assemblies to approximately 10,000 students. There were 43 loans of museum material, lantern slides and movies made to schools.

A full summer schedule of activities was maintained during the summers of 1945 and 1946, although the filming of "The Junior Museum Explores Staten Island" had to be discontinued in 1945 due to a shortage of film. The 1946 nature study program is being directed by Robert Mathewson.

The Department of Parks held two magic shows, "Peter Pan the Magic Man," and a marionette show, "Happy the Humbug," for Junior Museum members.

Library Under the direction of Mabel Abbott the library has taken on new meaning as a useful part of the Museum. Forty-four books and pamphlets and current copies of 82 periodicals have been added to the library by gift, purchase through the Crooke Fund and exchange. Mr. Burke has continued in charge of the scientific periodicals.

Files of the following periodicals are kept in the library and may be consulted by members and bona fide students.

- | | |
|---|---|
| Acta, Societas Pro Fauna & Flora Fennica | Entomologica Americana, Brooklyn Entomological Society |
| American Artist | Entomological News |
| American Fern Journal | Erie Public Museum Publications |
| American Forests | Explorer, Cleveland Museum of Natural History |
| American Midland Naturalist, University of Notre Dame | Field Museum of Chicago, Publications |
| American Mineralogist | Geological Survey of Canada, Publications |
| American Monthly Microscopical Journal | Hobbies, Buffalo Museum of Science |
| American Naturalist | In Animaland, Staten Island Zoological Society |
| Anales del Instituto de Biología, Mexico | Journal, Elisha Mitchell Scientific Society |
| Animal Kingdom | Journal, New York Botanical Garden |
| Annals, Entomological Society of America | Journal, New York Entomological Society |
| Annual Reports, Entomological Society of Ontario | Journal, New York Microscopical Society |
| Annual Reports, President Borough of Richmond | Journal of Applied Microscopy & Laboratory Methods |
| Annual Reports, Everhart Museum of Natural History, Science and Art | Journal of Economic Entomology |
| Annual Reports, John Crerar Library | Journal, University of North Dakota |
| Annual Reports, Marine Museum of the City of New York | Lloydia, Lloyd Library & Museum, Cincinnati |
| Annual Reports, Museum of the City of New York | Long Island Historical Society, Publications |
| Annual Reports, Museum of Modern Art | Memoirs, Cornell University |
| Anales, Museo de Historia Natural de Montevideo | Microscope, The |
| Asa Gray Bulletin | Municipal Reference Notes |
| Audubon Magazine | Musecam |
| Auk, The | Museum Bulletin, Atwater Kent Museum |
| Boletín, Museo Nacional, Rio de Janeiro | Museum Bulletin, Brooklyn Children's Museum |
| Bulletin, American Association Advancement of Science | Museum Echoes, Ohio State Archæological & Historical Society, |
| Bulletin, Brooklyn Entomological Society | Museum News, American Association of Museums |
| Bulletin, Brooklyn Museum | Museum Service, Rochester Museum of Arts and Sciences |
| Bulletin, Brooklyn Public Library | Natural History, American Museum of Natural History |
| Bulletin, Chicago Academy of Sciences | Nature Outlook, Worcester Natural History Society |
| Bulletin, Natural History Survey, Chicago Academy of Sciences | New England Naturalist, Boston Society of Natural History |
| Bulletin, Chicago Natural History Museum | New Mexico Anthropologist |
| Bulletin, Children's Museum, Boston | News Notes, Newark Museum |
| Bulletin, Cleveland Museum of Art | New York Folklore Quarterly |
| Bulletin, Cleveland Museum of Natural History | New York History, New York State Historical Association |
| Bulletin, Cornell University, Extension | Notulæ Naturæ, Academy of Natural Sciences of Philadelphia |
| Bulletin, Geological Institution, University of Upsala, Sweden | Observer, The |
| Bulletin, Louisiana Forestry Commission | Ohio Journal of Science |
| Bulletin, Metropolitan Museum of Art | Old Time New England |
| Bulletin, Milwaukee Public Museum | Pan-Pacific Entomologist |
| Bulletin, Missouri Botanical Garden | Pictures on Exhibit |
| Bulletin, New York Microscopical Society | Plants and Gardens, Brooklyn Botanic Garden |
| Bulletin, New York State Museum | Plant World |
| Bulletin, Ohio State University | Popular Science Monthly |
| Bulletin, Southern California Academy of Sciences | Proceedings, Academy of Natural Sciences, Philadelphia |
| Bulletin, State of Connecticut | Proceedings, American Academy of Arts and Sciences |
| Bulletin, University of Illinois | Proceedings, American Antiquarian Society, Worcester, Mass. |
| Bulletin, University of Kansas | Proceedings, Belfast Naturalists Field Club |
| Canadian Entomologist | Proceedings, California Academy of Sciences |
| Colorado College Publications | Proceedings, Colorado Scientific Society |
| Contributions, Museum of the American Indian, Heye Foundation | |
| Digest, U. S. Department of the Interior | |
| Drums, Newark Junior Museum | |

Proceedings, Entomological Society of Washington
 Proceedings, Iowa Academy of Science
 Proceedings, Louisiana Academy of Sciences
 Proceedings, New England Zoological Club
 Proceedings, Nova Scotian Institute of Science
 Proceedings, Portland, Me., Society of Natural History
 Proceedings, Rochester Academy of Science
 Psyche, Cambridge Entomological Club
 Quarterly, Los Angeles County Museum
 Quarterly, New York Historical Society
 Reading Public Museum and Art Gallery, Publications
 Record of the Museum of Historic Art, Princeton University
 Records, Rochester Museum of Arts and Sciences
 Reflections, Cincinnati Museum of Natural History
 School Nature League Bulletin
 Science (weekly)
 Scientific Monthly
 Scientific Publications, Reading Public Museum and Art Gallery

Smithsonian Institution Publications
 Staten Island Historian
 Studies in Natural History, University of Iowa
 Studies, University of Missouri
 Transactions, Academy of Science of St. Louis
 Transactions, American Entomological Society
 Transactions, Connecticut Academy of Arts and Sciences
 Transactions, Dumfriesshire and Galloway Natural History and Antiquarian Society
 Transactions, Kansas Academy of Sciences
 Transactions, New York Academy of Sciences
 Transactions, San Diego Society of Natural History
 Transactions, Wisconsin Academy of Sciences and Letters
 United States Geological Survey, Publications
 United States National Museum, Publications
 University of California, Publications
 University of State of New York, Publications
 University of Washington, Publications
 Wales National Museum, Reports
 Wilson Bulletin

Donors The following members and friends have generously donated objects for the Museum, books or money. We take this opportunity of expressing our appreciation for their co-operation and support.

D. R. J. Arnold
 George E. Ashby
 Mrs. A. J. Badenhausen
 Hon. Edward G. Baker
 Albert Barbelle
 A. T. Beals
 Mrs. Henrietta Beaumont
 Ely M. Behar
 Cecil C. Bell
 Leslie D. Bissell
 Mrs. Isabel Blue
 Frederick Bohrer
 Daniel L. Bridgman
 Miss Harriet L. Britton
 W. R. Britton
 Hon. Ellsworth B. Buck
 Elliott Burgher
 Joseph F. Burke
 Mrs. C. W. Brugger
 Mrs. Robert E. Carew
 Mr. & Mrs. Howard H. Cleaves
 Mr. & Mrs. Roswell S. Coles
 E. J. Collins
 Mrs. Kathryn Cooke
 I. C. G. Cooper
 Charles L. Cruser
 Miss M. Cusick
 Armen E. Darson
 Estate of Wm. T. Davis
 Mr. & Mrs. John W. Dreyer
 Mrs. Ruth Egan
 A. Benbow Elliman
 Lee A. Ellison
 Mrs. Irma Erath
 Charles Ericson
 Albert C. Fach

Miss Frederica Freifeld
 Mrs. Tom Garrett
 Mrs. T. N. Garson
 Mrs. Erna B. Gerber
 Estate of Olaf E. Giset
 Estate of Robert Goerlich
 Mr. & Mrs. Willard M. Grimes
 Dr. Vernon B. Hampton
 Hans Hinrichs
 Mrs. A. W. Hoffmeyer
 Fred W. Hopping
 L. Waldo Horton
 Ernest L. Jansen
 Manuel J. Johnson
 Capt. Robert E. Johnson
 Junior Red Cross
 Mrs. Nora S. Knoble
 John Koestner
 Samuel H. Kress
 Miss Jean Leason
 Percy Leason
 Robert M. Leng
 H. L. Lenz
 Edward L. Love
 William Lucaa
 Mr. & Mrs. Homer Marshall
 Miss Carolyn C. Mase
 Mark Milnes
 National Gallery of Art
 Herman Naess
 Mr. & Mrs. K. O. Nesslinger
 Board for Netherlands Indies
 N. E. Historic Genealogical Society
 Mrs. Donald Nichols
 Harold J. O'Connell

Mrs. Ronald Oliphant
 Mrs. Elizabeth Parke
 Joseph J. Perosi
 Mrs. Edward C. Philip
 Richard Place
 Alfred T. Pouch
 John H. Ray
 Mrs. W. F. Richardson
 Richmond County Chapter, D.A.R.
 Mrs. Olaf Ronning
 Edwin A. Rundlett
 Mrs. Raymond Safford
 Ernest Schroeder
 Section of Art
 Dr. Ethel Sheerin
 Ernest Shoemaker
 Ralph Siebert
 Sidney O. Simonson
 Mrs. Edgar Sleight
 Percy Sperr
 Robert C. Stanley
 Louis Stirn
 Edward M. Stothers
 August Stumpp
 Edwin Stumpp
 Dr. & Mrs. Frank A. Strauss
 Mrs. Harrison Tweed
 Walter A. Tyler
 David Varon
 Leo Wallerstein
 Miss L. Warth
 Miss Mathilde Weingartner
 Harry B. Weiss
 Mrs. F. Winthrop White
 Robert Wigand
 Woman's Auxiliary

ROSSELL S. COLES

REPORT OF THE TREASURER

STATEMENT OF FUND BALANCES

FOR THE FISCAL YEAR ENDED APRIL 30, 1946

	May 1, 1945	Increases	Decreases	Apr. 30, 1946
Nathaniel L. Britton legacy:				
Principal	\$23,712.33			\$ 23,712.33
Income	690.51	\$ 550.75	\$ 666.88	574.38
William T. Davis fund:				
Principal	6,579.26	93,104.35	1,313.18	98,370.43
Income	534.36	5,406.01	4,828.95	1,111.42
D. M. Van Name fund:				
Principal	100.00			100.00
Income	91.03	4.96	20.00	75.99
John J. Crooke fund:				
Principal	2,000.00			2,000.00
Income	86.89	90.00	100.00	76.89
Building fund	1,000.00			1,000.00
Endowment and general funds:				
Principal	3,200.00	24,500.00		27,700.00
Income	1,059.61	3,110.76	1,924.22	2,246.15
Projector account	475.23		450.20	25.03
Music account		124.47		124.47
Art account		50.00		50.00
	<u>\$39,529.22</u>	<u>\$126,941.30</u>	<u>\$9,303.43</u>	<u>\$157,167.09</u>

Represented by:

Securities held by Institute:

U. S. Treasury bonds	\$ 51,700.00
Other	5,056.00

Securities held by City Bank Farmers Trust Co.:

U. S. Treasury bonds	94,125.49
Bonds and mortgages	\$72,460.95
Less — Reserve	72,460.95

Cash held by Institute:

Checking account	2,229.25
Savings account	2,186.22
Petty cash at Museum	50.00

Cash held by City Bank Farmers Trust Co. 835.93

Nominal value of equity in Museum building, exhibits and fixtures..... 1,000.00

Deduct — Federal admissions tax payable \$157,182.89
15.80

\$157,167.09

ANALYSIS OF CHANGES IN FUNDS

Increases:

Interest on securities and cash	\$ 1,021.97
Dues — active members	1,104.00
Dues — affiliated societies	91.50
Dues — life member	100.00
Income from William T. Davis estate	3,000.00
Income from William T. Davis trust fund	2,321.17
Contributions — Women's Auxiliary	450.00
Contributions — other	65.00
William T. Davis annuities	520.32
Sale of Museum stamps	31.25
Sale of books and publications	29.75
Sale of Davis house and effects, less commission and fees	15,496.40
Net receipts from Goerlich estate	9,431.12
Additions to William T. Davis trust fund:	
Cash and mortgages at face value	\$165,760.26
Less — Reserve for mortgages	72,655.91
	93,104.35
Net receipts for Music fund	124.47
Net receipts for Art fund	50.00
Total increases	\$126,941.30

Decreases:

Publications	\$ 973.75
Director's salary	960.00
Expense of Davis biography	163.05
Expense of Davis memorial lectures	313.19
Salary of curator of Davis collections	495.00
Davis scholarships	434.50
City Bank Farmers Trust Co. commissions	1,522.04
Principal disbursements — Davis fund	1,313.18
Books, subscriptions, etc.	100.00
Museum operating expenses	1,246.99
Britton Cottage expenses	263.11
Davis house taxes	145.39
Davis house — other expenses	146.39
Music expenses	428.54
Gift to Mr. Beil	330.00
Purchase of projector	450.20
Sundry	18.10
Total decreases	\$ 9,303.43

ROBERT M. LENG

REPORT OF THE INSTITUTE COUNCIL

The tenth and eleventh meetings of the Institute Council were held on September 18, 1945 and May 7, 1946. Officers elected in May, 1946 were: Mark B. Kerr, President; Marjorie Sunderman, Vice-President; Carla E. Nesslinger, Secretary.

The Council carried out its coordinating functions by considering and recommending the extension of Institute Sections which resulted in a total of

six sections at the end of the year. Mr. Cumberland's course in creative writing also developed from the Council's discussion of Institute activities.

At the May meeting the question of encouraging individual research was discussed and a committee was organized to consider the possibilities of a research group.

CARLA E. NESSLINGER

REPORT OF THE WOMAN'S AUXILIARY

The Woman's Auxiliary has completed its 32nd year of cooperation with the Institute. Meetings have been held on the last Wednesday of each month from October to May. Officers for the period were: President, Mrs. Jacob Flatow; First Vice-President, Mrs. George Post Vaughn; Second Vice-President, Mrs. Fred Fendel; Third Vice-President, Mrs. Louis Kohler; Recording Secretary, Mrs. William Errington; Treasurer, Mrs. Arthur Foley; Corresponding Secretary, Mrs. James H. Lytle. There are also seven standing committees and Chairman of the House.

The Auxiliary is affiliated with the New York City Federation of Women's Clubs of which Mrs. Martin G. Kindlund is Richmond Borough Director.

Our programs have been in close harmony with the general theme "Love Thy Neighbor by Trying to Understand Him." Films were shown on Brazil, Africa and India. Mr. Liu Liang-Mo, sociologist and lecturer, spoke on China—its place in the war and in the peace. Reverend William Howard Melish spoke on Russia. He is the author of many articles which have appeared in "The Churchman," "The Witness" and "Soviet Russia Today." Captain William Haskell, public relations representative of a Manhattan newspaper gave an informal talk on "American Confusion" and the welfare of the country. Miss Marie Lefebvre of the Celanese Corporation of America fascinated the audience with her display of beautiful materials. "Facts about Fabrics" were discussed. The Countess Leonardo de Murabito (Helen Hale) gave a talk on the "Lure of Old Bibles." She pictured the people of all ages, races and religions who had written the Bibles, their customs and ideas. Rare books and manuscripts, all collectors items were on display. The musicians who contributed to the enjoyment of our programs are Mrs. Harriet Ruberg, Mrs. Sigrid Lunde, Mrs. Dorothy Carter Sanders, Mrs. James Haydock, Miss Margaret Graef, Mrs. Adolph Auriema and Murray Adler.

The Annual Dessert Bridge was held on May 2, 1946 under the chairmanship of Mrs. Fritz Sampson and Mrs. Charles Duncker. This year the Auxiliary presented the Institute with a check for \$350.00. A donation was made to the Red Cross and to the New York City Federation Scholarship Fund.

Twenty-nine members were added during the year, bringing the total membership to 307.

MARIE S. ERRINGTON



The Art Gallery, showing paintings from the Museum's Permanent Collection, Summer, 1946. Photo by Warren Condit.

FINE ARTS

This has been an active year for the Section of Art. There have been eight exhibitions in the gallery, six rotary shows in Staten Island branches of the New York Public Library, six landscape sketching groups, eighteen sessions of the life class and the highlight of the year was the Artists' Carnival held on November 3, 1945.

Work has been carried on under direction of the Executive Committee which consists of the officers and committee chairmen: Percy Leason, President; Mrs. Muriel M. Cleaves, First Vice-President; Armen E. Darson, Second Vice-President; Daniel L. Bridgman, Treasurer; Jean Leason, Secretary; Alfred McNamara, Programs; Frederick Bohrer, Rotary Shows; Albert Barbelle, Exhibitions and Jean Leason, Education.

During July and August 1945 an exhibition of paintings from the Dr. Andrew Eagon collection was shown in the gallery. John Wenger, water colorist, exhibited 24 of his water colors in September. The Annual Members' Exhibition with 30 artists represented by 36 paintings and two pieces of sculpture was held during October and November. Albert T. Reid, National Vice-President of the Professional League of America, and Maximilian A. Rasko, portrait painter and lecturer served as the jury of selection for this exhibition. Harry De Maine, New York water colorist, exhibited 22 of his works during December and the first part of January 1946. Members of the Staten Island Camera Club held their Annual Exhibition of Photographs during the last two weeks of January, 1946, and first two weeks in February. From February 17 to March 7 an exhibition of old lithographs from the

Fuchs and Lang Division of the Sun Chemical Corporation was shown. Cecil C. Bell, a member of the Section of Art, held a one-man exhibition from March 10 to April 10. On April 14 the Twelfth Annual Exhibition by Staten Island Artists opened and remained in the gallery through May. Acting as the jury for this show were Frank Gervasi, Secretary of the Allied Artists of America and Alfred S. Mira, an active member of the Allied Artists. During June and July, 1946, 16 paintings from the Museum's permanent collection were shown.

Rotary exhibitions in the Libraries were: two exhibitions of water colors by Beth Creavey Hamm; a collective show assembled from the Annual Exhibition by Staten Island Artists; selected works from the Members' Exhibition in October; a one man show by Jean Leason and a two man show by Ruth Tysen and Leslie D. Bissell. The Staten Island exhibit was also shown at Wagner College.

In addition to those noted above, five members held one man exhibitions: Frederic C. Whitaker at the Grand Central Art Galleries; Cecil C. Bell at the Kraushaar Galleries; Richard Kroth at the Norlyst Gallery; Anne E. Meltzer at the Newhouse Galleries and Libbie Segman at her own studio.

Eight opening receptions were held on Sunday afternoons through the season. At the opening of the 12th Annual Exhibition by Staten Island Artists on April 14, 1946, the painting "Looking Eastward from Todt Hill, 1895," by Jasper Francis Cropsey, was presented to the Institute by a committee of donors headed by Hans Hinrichs. Percy A. Leason gave a talk on the life and work of Cropsey. At the opening of the exhibition of paintings from the Permanent Collection, the painting "Mother," by Adeline Albright Wigand was presented by Mrs. Eleanor Marshall representing a committee of donors headed by Mrs. F. Winthrop White, Mrs. Henrietta Beaumont and Mrs. Marshall. In this exhibition two landscapes "The Meadow" and "The Wilson House," by Otto C. Wigand which were given to the Institute by Mrs. Marshall and her brother, Robert C. Wigand, were also shown.

The Art Section sponsored a lecture by Maximilian A. Rasko entitled "I Dare To Speak of Art," at the regular monthly meeting of the Institute February 16, 1946.

The Artists' Carnival was held on November 3, 1945, providing an evening of fun for those who attended and adding \$173.00 to the permanent fund. Janet Ross headed the committee in charge of the Carnival.

The permanent collection of paintings belonging to the Institute has been increased by the four new works mentioned above: "Looking Eastward from Todt Hill, 1895," by Jasper Francis Cropsey, "Mother" by Adeline Albright Wigand, "The Wilson House" and "The Meadow" by Otto C. Wigand; also "Polly," "Portrait of Mr. Wigand," and a watercolor "Roses," by Mrs. Wigand, and "Clove Lakes," by Percy A. Leason.

JEAN LEASON

ENGINEERING

Richmond County Chapter New York State Society of Professional Engineers In January 1946, President Werner was elected to his second term; Emil A. Verpillot was elected 1st Vice-President; Frederick Mardus, 2nd Vice-President; Raymond J. Reddy, Secretary (6th term); and Rudolf Dueland, Treasurer.

Cooperating with the Richmond County Anti-Pollution Society, resolutions were forwarded to the Inter-State Sanitation Commission and the Department of Public Works on the pollution of the Bay and Kill van Kull, and the necessity for sanitary sewage treatment plants. A spokesman appeared before the Board of Estimate in opposition to a proposed sanitary fill in the Fresh Kills Meadows to form a future airfield. The Chapter is represented on a Joint Committee on Salaries for Engineers and Architects in Municipal Service, preparing factual reports to the Board of Estimate supporting employees not receiving the legal minimum salary of their grade. The Chapter also aided a Committee of the State Society of Professional Engineers in the preparation of a schedule of suggested minimum salaries and fees for engineers in private industry and practice, with permissible variations for different areas. Engineers Zurmuhlen, Massa and Werner are members of a committee formed by Borough President Hall to study inter-borough traffic and transit.

Each year the Chapter certifies Professional Engineers with building construction experience to the Municipal Civil Service Commission to act as Surveyors of Unsafe Buildings.

Dr. David B. Steinman spoke on "the Builders of the Bridge" at the April meeting, describing the struggles of the Roeblings, — father and son — to complete the Brooklyn Bridge, the history of which has been written into an intensely interesting book by Dr. Steinman. Dr. Steinman also prepared an article, "The Narrows Bridge" for the December, 1945 *Museum Bulletin*. "The Case for a Narrows Tunnel," compiled by Raymond J. Reddy appeared in the February, 1946 *Bulletin*.

In February, the Annual Dinner was held at the Meurot after four years suspension due to the emergency. Under the Chairman, Frederick Mardus, all expectations were fulfilled.

Five members of the Chapter have returned from military service: Captains Lewis H. Rabbage and Emil A. Verpillot, Navy; Commanders T. Frank Reilly, Jr. and Jasper R. Burke, Navy; and Captain Timothy J. Driscoll, Army. Chapter meetings are held on the second Thursday of each month at the Staten Island Museum.

RAYMOND J. REDDY

FOLK DANCING

The Folk Dance Group which was organized last year continued with folk dancing twice a month. During the year the status of the group was changed to that of a Section of the Institute. Hinman Root and Mrs. Elizabeth Parke continued as leaders and a wide variety of national dances was enjoyed, usually one evening was devoted to concentrating on a specific dance. It was found that folk dancing was a particularly useful activity in bringing together whole families for a social evening as both youngsters and adults can and do enjoy group dances together.

The season ended with a folk dance party "Dances of All Nations" on April 26.

HINMAN R. ROOT

LITERATURE

Belles Lettres Society The activities of the Belles Lettres Society during the year 1945-6 followed a pattern already well established: they dealt chiefly with the reading interests and the writing of members; and with one field of literary expression — in this year the drama.

The opening meeting was held on the third Sunday of September at the apartment of Miss Mabel Abbott and was concerned chiefly with a review of summer reading. Two succeeding meetings, those in November and in February, were devoted to creative work written by members; and in addition at the November meeting selections were used from the works of the founder of the society, Adolph W. Callisen.

The Belles Lettres Society as usual was indebted to its members for entertainment and particularly to the gracious kindness of Mr. and Mrs. L. Hartley Smith, who were hosts for the Christmas meeting and also for the picnic in June.

The annual dinner was this year restored to its place on the program, and in April a pleasant evening, enlivened by a variety of light and humorous contributions was spent at the Tavern on the Green.

During the year various members of the society were incapacitated by illness and it was a sincere pleasure to find those who had been absent restored and able to be present at the June picnic.

Three new members were added to the Society at the November meeting; and Mrs. L. E. Daniels, for many years our generous hostess for the May meetings, became an honorary member.

At the February meeting the affiliation of the Society with the Staten Island Institute of Arts and Sciences was reaffirmed and the policy of giving the patronage of the Society to certain activities of the members in support of the Institute was favorably considered. As a first step the Society endorsed a project for several lectures on creative writing to be undertaken by its president.

The officers for the past year were as follows: R. W. Cumberland, President; Miss Alice Lawrence, Vice-President; Mrs. Austin Rogers, Recording Secretary; Mrs. Isidore Delson, Corresponding Secretary; Walter Kuhn, Treasurer; Lester L. Callan, Historian.

R. W. CUMBERLAND

Fortnightly Club The Fortnightly Club of Staten Island has held fourteen meetings during the 1945-46 season under the leadership of the following officers: Mrs. C. Leland Kirkley, President; Mrs. John P. Dicke, First Vice President; Miss Rosalie M. Packer, Second Vice-President; Mrs. Thomas Dobson, Secretary; Mrs. Stephen J. Botsford, Treasurer.

The papers given have been varied, interesting, and most enjoyable, ending with our biennial. On this occasion, a brief history of fifty years of Fort

nightly activity was given by Mrs. Ralph Van Wormer and the program was shared by Mrs. Ivins S. Tanner, who gave us some delightful music.

October 1, "Poland — Her Contribution to Humanity and Civilization,"
by Mrs. Rach.

October 15, "Walt Whitman and His Friends," by Mrs. Hartley Smith.

October 29, "Philadelphia, Holy Experiment," by Mrs. Davey.

November 12, Henry James, by Mrs. Grimes.

November 26, "Well-Tempered Listener," by Mrs. Elder.

December 10, Christmas program, by Mrs. Dobson.

January 28, "Paul Revere and the World He Lived In," by Mrs. Moller.

February 11, "Polynesia" and "Lost Island, Part I," by Miss Davison.

March 11, Robert Schumann by Mrs. Tanner.

March 25, Russian Literature by Mrs. Bardwell.

April 8, Favorite Poetry and Prose, by the members.

April 22, "Polynesia" and "Lost Island, Part II" by Miss Davison.

May 6, Old Glass by Mrs. Moller.

May 13, Biennial — "Fifty Years of Fortnightly" by Mrs. Van Wormer; Piano

Selections, by Mrs. Tanner.

GLADYS DOBSON

MICROSCOPY

Staten Island Microscopical Society Previous to the meeting of October 1945, the Society had been operating on a restricted war time schedule, but now that the war was over regular monthly meetings were again instituted. It also marked the beginning of the gradual return of members who had been away for a number of years on military service.

Meetings were held monthly starting in October and continued through May which closed the season. Each meeting saw an average of ten members present. The programs presented at these meetings were numerous and varied and stressed the individual microscopical pursuits of the Society's members and included such talks as "Fossil Diatoms" by Mr. Burke, "Preparing Mosses



Looking Through the Microscopes, at the 16th Annual Exhibition by the Staten Island Microscopical Society, April 13, 1946. Photo by Warren Condit.

for Microscopical Examination" by Dr. Wiegmann, "Staten Island Mycetozaa" by Mr. O'Connor, "The Determination of Conifers by Means of Cross Sections of Their Leaves" by Dr. Wiegmann, "The Identification of Metallic Elements by Chemical Microscopy" by Mr. Ellison, "The Decay and Devitrification of Glass" by Mr. Ashby.

The monthly meeting of April 13th, 1946, was combined with the monthly meeting of the Institute at which time the 16th Annual Exhibition was held in the auditorium of the Staten Island Day School. This exhibition proved to be the largest and most successful that the Society has held from both the scientific and popular aspects. Besides the exhibits of the members of the Society and the Junior Museum Naturalists, such Staten Island educational institutions as Wagner College, Notre Dame Academy, Augustinian Academy, Curtis High School, New Dorp High School, Port Richmond High School and the Staten Island Day School participated in the exhibit. Various members of the New York Microscopical Society also contributed to the success of this exhibition.

During the year, in accordance with the trend of affiliated societies to become sections of the Institute, it was voted and passed that the "Society shall be organized as a section of the Staten Island Institute of Arts and Sciences and shall be subject to the by-laws and regulations of the Institute." It was further proposed and agreed that the Society retain its name of Staten Island Microscopical Society even though becoming a section of Microscopy of the Institute. In accordance with the Society becoming a section of Microscopy of the Institute, further by-laws were made to the effect that the Society should further the aims and objects of the Staten Island Institute of Arts and Sciences by cooperation with the Institute and its other sections and affiliated societies in projects of mutual and public interest.

During the year the Society noted with deep regret the passing on October 20th, 1945, of Mr. Robert Hagelstein, Honorary Curator of Myxomycetes of the New York Botanical Gardens. Although Mr. Hagelstein was not an actual member of the Society, he was one of its closest friends and supporters and contributed much to its friendships and scientific endeavors.

At the meeting of February 6th, 1946, the following slate of officers was voted on and passed: President, Mr. Joseph F. Burke; Vice President, Mr. I. C. G. Cooper; Secretary, Mr. R. J. O'Connor; Treasurer, Mr. R. S. Coles.

ROBERT J. O'CONNOR

MUSIC

Staten Island Oratorio Society The name of the Institute's Section of Music was changed from the Staten Island Choral Society to the Staten Island Oratorio Society early in December, 1945, following the concert on November 29, 1945, in which Mendelssohn's "Elijah" was sung. This change was made because it is the Society's purpose to bring the major oratorio works to the people of Staten Island. The group is open to any Island singer and meets each Monday throughout the season at the Museum. It was decided to retain Ernest Jansen as director, and Marjorie Sunderman as assistant director, and to budget all future concerts. Verdi's "Requiem Mass" was chosen as the next oratorio to be given either in the late spring or in the fall and rehearsals were started January 7, 1946.

A concert was given on March 10 at the Unitarian Church in New Brighton. The program consisted of selections from Bach's "Passion According

to St. Matthew," and Mendelssohn's "Elijah" and two solos, one by a soprano and one by a tenor, both from the group, with Miss Wightman at the organ. The group was entertained by ladies of the church at a church supper preceding the program.

The same concert was repeated at the Messiah Lutheran Church, Annadale, on Sunday evening, May 5, and the group was served a supper arranged by the Deacons and prepared by the ladies of the church.

Through Mr. Jansen arrangements were made for the Society to broadcast over WNYC during the oratorio hour on Saturdays, April 13 and June 1, at 9:30 P.M. Selections similar to those given at the concerts were sung with the addition of a flute solo by Miss Nina Martin with her father, George Martin, at the piano.

On April 25 Miss Martin and Mr. Martin gave a recital at the Museum especially for the members of the Oratorio Society and their friends. This recital was well attended and enjoyed by all.

On June 3, following the resignation of Mr. Jansen, John L. Bainbridge was appointed as director. Mr. Bainbridge is head of the music department at Wagner College and organist and choir director of Christ Church, New Brighton. He conducts the Women's A Cappella Choir at Wagner College, which took part in the Society's performance of "The Passion According to St. Matthew," by Bach and Mendelssohn's "Elijah."

Officers for the year were: Mark B. Kerr, President; Dr. John R. Bacher, Vice-president; Louise Simmons, Secretary; Cornelia Borgemeister, Librarian.

MARK B. KERR

Treble Choral Ensemble The Ensemble is a group composed of twenty women under the direction of Miss Marjorie Sunderman and has met each Tuesday evening from September to June. The first part of the year's work was spent in preparing for the annual Candlelight Carol Concert which was given at the Vanderbilt Avenue Moravian Church on December 23, 1945. The group also presented a number of unusual carols at the Christmas recital and reception of the Staten Island Oratorio Society which was held in the auditorium of the Institute.

The Ensemble brought its season to a close by presenting the annual spring concert, first on June 8, 1946, at the New Dorp Moravian Parish Hall for the benefit of the S. I. Cancer Committee, and again on June 14, for the benefit of the school fund of Public School 14, Stapleton, at the school. The group has enjoyed its first year of affiliation with the Institute. Officers for the year were: Mrs. Robert Wylie, President; Miss Louise Ploeser, Secretary; Miss Anne Bardes, Treasurer; and Mrs. Sherwood B. Seeley, Librarian.

MARJORIE SUNDERMAN

NATURAL HISTORY

At the December 1945 meeting of the Bird and Nature Club it was voted that the Club should become the Section of Natural History of the Institute. This was the outgrowth of an extension policy of the Club's activities. This policy was based on the following functions and definite purposes of the organization under its old and new status:

(1) Encouragement of a love and appreciation of Nature among those of our membership who have not yet taken up specialization or intensive study of natural history fields.

(2) Extension of our service to the Institute and the Museum by promoting intensive study of related nature subjects. To this end there was instituted last June the study meeting on the Tuesday following each monthly field trip.

(3) Promotion of conservation measures and efforts to preserve as much as possible of our vanishing wild life.

(4) A continuous search for relocation and survival of rare species.

(5) Continued search for new, exotic or introduced species, especially of plants.

(6) Additions and replacements to the Museum collections, especially the Herbarium.

The last two items, under the able leadership of Mr. Rundlett and Mr. Cooper, are projects continuing from previous years but receiving new impetus at the close of gasoline rationing. Winter bird feeding has been carried on at the Bird Sanctuary at New Springville but beyond this the Sanctuary has been left in its present wild state in order to increase the bird life there.

Monthly meetings were held regularly on the fourth Saturday of each month. At these meetings we enjoyed presentations of special topics including: "The Use of our Natural Plants in Beautifying Home Grounds," Volney Avery, Andover, N. J.; "Grasses of This Region," A. T. Beals; "My Trip to Bull's Island, S. C.," Miss Mathilde Weingartner; "Crystals," Charles Ericson; "Microprojection," Miss Nieves Ribes. Other brief topics were given by Mrs. Edgar Sleight, Casimir Redjives and Lee A. Ellison. In May 1946 the outstanding kodachrome presentations of "Design in White," and "In His Own Judgment," were shown by Joseph J. Harley of Madison, N. J. The average attendance at monthly meetings throughout the year was 30.

Regular monthly field trips were taken to places of special interest including the Grasmere bogs and Spring Street Valley, Concord, Pleasant Plains and Richmond Valley, Wolfe's Pond Park to the waterfront, Signs Road and Victory Blvd., New Springville, Gifford's Lane to Eltingville via Sweetwater and Betty Holmes Brooks, Reed's Valley, Clove Lakes Park, Bucks' Hollow, Egbertville, Woods of Arden, Eltingville, Seaview Hospital via Bloodroot Valley and Flagg's Pond to New Dorp, Eltingville to Annadale via "Benham's Brook," and Four Corners to the Little Clove Valley and Grymes Hill. As a terminus of several of these walks we have enjoyed and greatly appreciate the hospitality of Mr. & Mrs. Elwood Cole, Director and Mrs. Roswell S. Coles, Mrs. Dagmar Johnson and Mr. & Mrs. Karl Nesslinger. Average attendance on the walks was 19.

Three special spring walks for the study of bird migration were held on Sunday mornings April 7 and 28 and May 5 covering the Moravian Cemetery, Spring Street Valley in Concord and Little Clove Valley in Sunnyside. The winter bird census was taken on Dec. 23, 1945, under the leadership of Howard Cleaves and the results were published in the February, 1946, *Museum Bulletin*.

The Tuesday evening following each regular field trip a meeting of the study group was held with an average attendance of 10. At these meetings much new material was identified or classified, old records cleared up, cor

rected or brought up to date, and for several meetings, an hour was devoted to study of flowering plants under I. C. G. Cooper's leadership. This has resulted in many specimens being presented to the Museum's herbarium.

At the annual meeting in January the following officers were re-elected for the current year: President, Lee A. Ellison; Vice-president, Mrs. Elwood Cole; Recording Secretary, Miss Mathilde Weingartner; Corresponding Secretary, Mrs. Carla E. Nesslinger; Treasurer, Karl O. Nesslinger.

LEE A. ELLISON

PHILATELY

Staten Island Philatelic Society A program of bi-monthly meetings was resumed with constantly increasing attendance at the meetings as past members serving in the armed forces and the Maritime Service returned and were restored to the active list of membership. The members and guests participated in trading, auction sales and expertising of stamps submitted to determine forgeries in stamps and cancellations.

During the 1945-1946 season, the society actively cooperated with the National Organization of "Stamps for the Wounded" in supervising philatelic activities of the personnel at Halloran and Maritime Hospitals. The members of the society donated material for the hospital to promote such activities and Messrs. Lawter and Waters devoted at least one evening each week to the hospitals to assist those interested in philately. The Society participated in the hobby show conducted at Halloran Hospital.

At the April meeting of the Society, the annual election was held and the following officers elected: M. P. Lawter, President; F. W. Schultz, Vice-President; A. M. Nascher, Secretary; H. J. Murray, Treasurer; F. W. Bobring, Exchange Manager.

A. M. NASCHER

PHOTOGRAPHY

Staten Island Camera Club During the year 1945-46 the Staten Island Camera Club became further affiliated with the Institute by becoming the Section of Photography. Officers for the year were: President, W. Louis Ellis; Chairman of the Executive Committee, William Hunn; Treasurer, Walter Herold. The Club has also become a member of the Photographic Society of America and has continued its membership in the Metropolitan Camera Club Council.

Meetings were held in the Museum twice a month. Levon E. Roubian, a director of the Metropolitan Camera Club Council and member of the Pictorial Photographers of America and Brooklyn Institute Camera Club, demonstrated "Retouching." Charles Zapata of the Inwood Camera Club spoke on "How I Make My Prize Winning Prints," and displayed about thirty of his best prints; Mrs. Olga Emma Irish, A.P.S.A., and F.R.P.S., who was presented in conjunction with the Institute, demonstrated "How I Take Prize Portraits," and Paul Gibbs, President of the Metropolitan Camera Club Council, discussed "The Future Plans of the Council."

The Annual Exhibition in the Museum opened with a reception on Sunday, January 13, 1946, and continued until February 13. The show then went on a tour of the libraries. In the auditorium we displayed prize winning prints from "Camera" magazine and one-man shows by Charles Phelps, F.P.S.A., President of the Photographic Society of America, and John Hogan, F.P.S.A., the greatest exponent of sea scapes.

The January, 1946, *Museum Bulletin* was devoted largely to photography and the work of the Camera Club, including articles on "Photography as a Hobby" by Olga Emma Irish and "Photography, One of the Top Five" and "War Photos In the Camera Club Exhibit" by Ed Hannigan.

In the Metropolitan Council "Print of the Month" contests the Club has generally placed second or third but due to its entering the competition after the third month it ranked fifth out of the 92 clubs participating. The Club's competition for the Fabian trophies finished as follows: Class A: 1st, Oliver Balmer; 2nd tie, Warren Condit and Ed Hannigan; 3rd, Thomas Greenslade; 4th, William Y. Daly; 5th, W. Louis Ellis. Class B: 1st, Thomas Fisher; 2nd, Frank Gunnell; 3rd, Walter Herold; 4th tie, John Muntzner and William Hunn; 5th tie, M. Goldberg and Michael Koledo; 6th, Alfons Wallich, Carl Dolisi, Herbert Warne and Henry Koenig.

One of our members, Frank Gunnell, F.A.C.L., was awarded the Hiram Percy Maxim Memorial Award as the producer of the best amateur movie for 1945. Oliver Balmer won four of the twenty prizes offered by the radio station WINS "Photography is Fun" program.

The Annual Judging was held on June 26, 1946. Serving as judges were: Joseph Berman (Russart), Eric Adams and Kenneth Adams. Winners were: 1st, Oliver C. Balmer, "Lincoln Building;" 2nd, Thomas Fisher, "Dark Room Disaster;" 3rd, Ed Hannigan, "Glass in Architecture;" Honorable Mention, Warren Condit, "Back Road" and Ed Hannigan, "Sh . . . Artist at Work."

The annual dinner was held on June 29, 1946, at Gus' Restaurant, Port Richmond.

WILLIAM HUNN



Action at the Ferry Terminal Fire, June 25, 1946.
Photo by Warren Condit.

INDEX

- Abbott, Miss Mabel, 4, 74, 78, 81, 83, 86, 94
 Accessions, 42, 82
 Adams, Eric, 100
 Adams, Kenneth H., 33, 35, 100
 illus. 33
 Adler, Murray, 54, 90
 "Alaska and the Alaska Highway,"
 Davis Lecture, 2, 6, 85
 Alertness Credit Course, 43
 All Day Hike, 17
 American Museum of Natural History,
 18, 82
 Anderson, Andrew M., 78, 80
 Anderson, Capt. Wm. A., 62
 "A New History of New Jersey," 19
 "A New S. I. Butterfly," 18
 "An Exhibition of Rare Lithographs,"
 41
 Anniversary Dinner, 10, 13, 85
 Annual Exhibition by Staten Island
 Artists, 52, 57, 59, 71, 92
 Annual Exhibition by Artist Members,
 5, 15, 91, 92
 Annual Reports, 79
 Anthon's Notes, 46
 "A Review of Staten Island Mycetozoa," 35
 Arnold, D. R. J., 71, 87
 Artists' Carnival, 5, 10, 15, 92
 Art Gallery, illus. 91
 "Art Notes," 23, 41, 52, 60
 Ashby, George E., 74, 87, 96
 Ashe, E. M., 42
 "A Staten Island Legend," 66
 Astle, William, 35, 38
 Augustinian Academy, 58, 74, 96
 Auriema, Mrs. Adolf, 90
 Avery, Volney, 83, 98, article, 65

 Bach, J. S., 42, 53, 61, 96
 Bacher, Dr. John, 42, 97
 Badenhansen, Mrs. A. J., 71, 87
 Bainbridge, John L., 16, 78, 97
 Baker, Mrs. Bertha Kunz, 14
 Baker, Hon. Edward G., 4, 75, 78, 87
 Balmer, Oliver C., 14, 33, 79, 100
 Banner, Irving, 47
 Barbelle, Albert, 5, 15, 59, 71, 87, 91
 Barbelle, Mrs. Albert, 15
 Bardes, Miss Anne, 97
 Bardwell, Harold E., 24
 Barlow, Miss Patricia, 6, 18, 83, article
 18
 Barlow, William M., 24
 Barnes, Myra S., 15
 Barrett Park Zoo, 35
 Bartlett, Capt. "Bob," 83
 Bascom, Frank P., 78
 Basket Willow Swamp, 27
 Beals, A. T., 17, 35, 83, 87, 98, article
 26
 Beasley, F. M., 24

 Beaumont, Mrs. Henrietta, 15, 57, 59,
 87, 92
 Becker, Mrs. Frank E., 4
 Behar, Ely M., 5, 15, 59, 87
 Beil, Carlton, 17
 Bell, Cecil C., 15, 41, 52, 71, 87, 92,
 article 52
 Belles Lettres Society, 94
 Bellows, David S., 14
 Benedict, Mrs. C. P., 14
 Benz, Miss Wilberta, 67
 Berman, Joseph, 100
 Billopp, Captain, 19
 Billopp House, 18
 Birds,
 "Birds at Christmas," article and list,
 38
 mentioned, 98
 "Breeding Birds, 1945," article and
 list, 3
 "Staten Island Bird Notes," 17
 Bird Sanctuary, New Springville, 98
 Bird Walks, special, 58
 Bissell Leslie D., 4, 15, 59, 71, 87, 92
 Blair, Miss Mary M., 24
 Blue, Mrs. Isabel, 42, 87
 Board of Trustees, 14, 24, 40, 53, 75,
 78, 80, 83
 Bobring, F. W., 99
 Bohrer, Frederick, 15, 59, 87, 91
 Borgemeister, Cornelia, 14, 42, 97
 Borinski, Miss Margaret, 60
 Borough Hall, 4
 Bond, Mrs. E. P., 4
 Botsford, Mrs. Stephen J., 94
 Brady, Mathew, 32, 66
 Brew, Miss Grace, 24
 Bridgman, Daniel L., 5, 71, 75, 78,
 87, 91
 Britton Cottage, 82, 83
 Britton Fund, 88
 Britton, Miss Harriet L., 87
 Britton, Dr. Nathaniel Lord, 44, 82
 Britton, W. R., 87
 Broadcast, 61, 97
 Brooklyn Museum, 42
 Brown, Edward L., 24
 Brugger, Mrs. C. W., 15, 87
 Brush Fires, 7
 Buck, Hon. Ellsworth, 71, 87
 Buck's Hollow, 47
 "Builders of the Bridge," 93
 Burger, Dr. I. Victor, 78, 85
 Burgher, Elliott, 42, 54, 82, 87
 Burgher, Mrs. Elliott, 4
 Burke, Jasper R., 93
 Burke, Joseph F., 47, 53, 75, 78, 80, 83,
 86, 87, 95, 96, article 44
 Busing, F. A., 59
 "Buttercups—Flowers of Our Fields,"
 50, 54, illus. 50
 "Butterflies of New Jersey," 18
 Butterfly Collections, 6

- Calendar Monthly, 8, 20, 28, 36, 48,
 56, 68, 76
 Callan, Lester L., 4, 94
 Callisen, Adolf W., 94
 Canady, Mrs. Alice, 59
 Carew, Mrs. Robert E., 42, 78, 87
 Catalano, Dr. D. V., 24
 "C.D.V.O. Index of Recreational Ac-
 tivities in New York City 1944-45,"
 42
 Chapin, Dr. James P., 71, 78, 80, 84,
 85, illus. 81, 84
 Chapman, Dr. Frank M., 38
 "China's Role in War and in Peace," 14
Chlorippe celtis, 18
 Christmas Bird Census, 35, article, 38
 Cleaves, Howard H., 3, 4, 7, 17, 35, 38,
 78, 83, 87, 98, articles, 3, 7, 17, 38
 Cleaves, Mrs. Muriel M., 5, 15, 59, 87,
 91
 Cole, Elwood, 98
 Cole, Mrs. Elwood, 53, 98, 99
 Coleman, James, 62
 Coles, Roswell S., 6, 42, 53, 55, 71, 74,
 78, 85, 87, 96, 98, articles 18, 19, 54,
 66, illus. 84
 Coles, Mrs. Roswell S., 6, 87, 98
 Collections, 81
 Collins, E. J., 42, 87
 Comstock, William P., 18
 Condit, Warren, 33, 35, 71, 81, 84, 91,
 95, 100, illus. 33
 Conroy, Mrs. Marie S., 24
 Cooke, Mrs. Kathryn, 87
 Cooper, I. C. G., 17, 27, 47, 50, 53,
 60, 74, 78, 82, 83, 87, 96, 98, 99
 articles 34, 50, 72
 Countess de Murabito, 54
 Creative Writing, 85
 "Crocheron's Mill Pond," 64
 Crooke Fund, 86, 88
 Crooke's Point, 7, 17
 Cropsey, Jasper F., 59, 71, 82, 92,
 painting, illus., 71, 81
 Cruser, Charles L., 87
 Cumberland, Prof. Robert W., 85, 89,
 94
 Curran, Sarah Haughian, 62
 Curtis High School, 58, 74, 85, 96
 Cusick, Miss M., 87
 Cuthbert, Sandy, 17

 Dale, Miss Ida Dudley, 59
 Daly, William Y., 33, 100
 Daly, Charles S., 4
 Danforth, Mr. & Mrs. Dana, 4
 Daniels, Mrs. L. E., 94
 Darden, William L., 2, 6, 85
 Dare, George, 16
 Darson, Armen, 15, 41, 59, 87, 91
 Darson, Artemis, 15, 59
 Davis, William T.
 Biography, 4, 19, 74, 83
 Memorial Lectures, 2, 22, 49, 69,
 70, 85

 Natural Science Fund, 2, 79, 85, 88
 Scholarship, 24, 27, 53, 80
 mentioned, 6, 18, 19, 34, 38, 42,
 46, 63, 64, 80, 81, 82, 87
 "Days Afield," motion picture, 6
 Deal, Dr. Ralph E., 74
 Delson, Mrs. Isidore, 94
 De Maine, Harry, 23, 91
 Dendritic Crystals, 60
 Desmond, Miss Mary A., 35
 Dessert Bridge, 67
 "Determination of Conifers by Means
 of Cross-Sections of the Leaves," 47
 "Devitrification and Decay of Glass,"
 74
 Diamond, Dr. Joseph H., 35
 Diamond, Michael S., 4
 "Diatoms, Jewels of the Sea," 47
 Dicke, Mrs. John P., 94
 Disoway, Charles N., 67
 "Dispersal and Germination of some
 Staten Island Grass Seeds," 26
 Dobson, Mrs. Thomas, 94
 Dockray, Miss Josephine, 4
 Dodds, Miss Iva L., 4
 Dolisi, Carl J., 14, 24, 33, 100
 Donors, 87,
 Doull, Mrs. Roy D., 4
 Dollin, Alexander, 4, 15, 59
 Dorr, Mrs. Katherine, 42
 Draper, Prof. John W., 66
 Dreyer, John W., 87
 Dreyer, Mrs. John W., 78, 87
 Driscoll, Timothy J., 93
 Dueland, Rudolf, 92
 Duncker, Mrs. Charles, 90

 Eagon, Dr. Andrew M., 91
 Easley, Mrs. Ethel, 15, 59
 Egan, Miss Cecilia, 55, 82
 Egan, Mrs. Ruth, 42, 87
 Egbert, C. P. B., 4
 Egbertville, 47, 54
 Eisenmann, Eugene, 3
 Election Notice, 75
 "Elijah," 10, 16, 22, 42, 53, 61, 96,
 article 16
 Elliman, A. Benbow, 71, 87
 Elliman, Mrs. A. Benbow, 4
 Ellis, Mrs. Evelyn, 14, 33
 Ellis, W. Louis, 14, 33, 99, 100
 Ellison, Lee A., 3, 35, 38, 42, 53, 74,
 75, 78, 80, 82, 83, 87, 96, 98, 99,
 articles, 6, 46, 64, 70
 Emile, Mrs. Thordis, 16
 Emmons, Mrs. K. P., 83
 Engineering, Annual Report, 92
 Erath, Mrs. Irma, 87
 Ericson, Charles, 60, 75, 82, 87, 98
 Errington, Mrs. William, 14, 90,
 article, 90
 Erskine, Alice H., 14
 Everson, Christian, 4

- Exhibitions, 5, 15, 23, 31, 33, 41, 52,
54, 58, 59, 61, 62, 71, 74, 85, 96,
annual report 82
- Faber, Eberhard, 83
- Fach, Hon. Albert C., 71, 87
- "Facts about Fabrics," 35
- Farr, Morton, 24
- Felek, Jules, 24
- Fellows, 83, illus. 84
- Fendel, Mrs. Fred A., 14, 90
- Fern, Christmas, 27, 75
- Ferry Terminal Fire, illus. 100
- Field Trips, 17, 27, 35, 47, 53, 73
- Fingado, Raymond, 66
- Fisher, Miss Margaret, 35
- Fisher, Thomas J., 14, 33, 100
- Flatow, Jacob, 24
- Flatow, Mrs. Jacob, 14, 27, 35, 90,
illus. 84
- Flowers
 "Flowers of our Fields,"
 Introduction, 34
 The Buttercups, 50
 The Roses, 72
 mentioned, 60, 83
 see also: "Nature Snooping," 46, 64,
 70
 Spring Nature Program, 58
 Plant Census, 17, etc.
- Flynn, Gov. Howard A., 4
- Foley, Mrs. Arthur, 14, 67, 90
- Folk Dancing, 5, 83, annual report 93
- Fortnightly Club, 83, annual report 94
- Fox, Mrs. Allie, 4
- Frampton, James, 35
- Freifeld, Miss Frederica, 87
- Fritsche, Felix G., 4
- Furbay, John Harvey, 2, 49, 85
- Garrett, Mrs. Tom, 71, 87
- Garson, Mrs. T. N., 42, 87
- Gerber, Mrs. Erna Burry, 71, 87
- Gervasi, Frank, 52, 59, 92
- Gimprich, I. O., 24
- Giset, Olaf E., estate of, 42, 62, 63, 87
- Glinicke, Hans, 59
- Goerlich, Robert, 80, 87
- Goldberg, Louis, 24, 100
- Goldberg, Maxwell, 14, 33
- Gorchess, Fred J., 40
- Graef, Miss Margaret, 90
- "Grass Seed Dispersal," 26
- "Grasses of this Region," 17, 98
- Great Barrier Reef, 2, 10, 13
- Great Kills, 44
- Green Mountain Club, 17
- Greenslade, Thomas B., 67, 100
- Grimes, Willard M., 87
- Grimes, Mrs. Willard M., 42, 78, 87
- Grymes Hill, 66
- Gunnell, Frank, 100
- Gurr, Lena, 14
- Hackberry Butterfly, 18
- Hagelstein, Robert, 83, 96, article, 44
- Hale, Helen, 54, 90
- Hall, Hon. Cornelius A., 40, 78, 80, 93
- Halloran, William, 75, 78
- Halloran General Hospital, 5, 99
- Hamm, Mrs. Arthur E., 14, 92
- Hampton, Dr. Vernon B., 66, 87
- Hankinson, Frank, 83
- Hannigan, Edward, 14, 33, 40, 83, 99,
100, articles, 32, 33
- Hanrahan, Miss Loretta L., 24
- Harley, J. J., 73, 98
- Haskell, Capt. Wm., 90
- Haughwout, Mrs. Alexander, 67
- Haydock, Mrs. James, 71, 90
- Heinzman, Samilla J., 15, 59
- Henning, Kurt, 3
- Herbarium, 13, 27, 34, 47, 53, 82, 98
- Herold, Walter F., 14, 33, 99, 100
- Hinman, Mary Wood, 14
- Hinrichs, Hans, 71, 87, 92, illus. 81
- Hoffman, Arnold, 4, 59, 60
- Hoffmeyer, Mrs. A. W., 71, 75, 78, 80,
87
- Hollick, Mrs. Arthur, 14
- Hopping, Fred W., 71, 87
- Horizon Club Choral Ensemble, 83
- Horton, L. Waldo, 87
- Howe, Herbert L., 83
- Howell, Mrs. Stacey F., 67
- "How I Take Prize Portraits," 30, 85
- "How to Mount Mosses for Microscopic
Study," 27
- Hunn, William, 33, 99, 100
- "I Dare to Speak of Art," 39, 85, 92
- "Identification of Metallic Elements by
Chemical Microscopy," 53
- "Immaculata," illus. insert facing 30
- Ingalls, Charles A., 35
- Ingalls, Mrs. Charles A., 35, 83
- Ingham, Arthur R., 24
- "In His Own Judgment," 73, 98
- "Insect Garden," 70, 85
- Institute Council, 75, 89
- Institute Meetings, 2, 6, 10, 39, 69, 85
- Irish, Olga Emma, 30, 83, 85, 99, 100,
article 30
- Jackson, William, 15
- Jansen, Ernest, 10, 16, 22, 42, 53, 87,
96, 97, article 16
- Jansen, Mr. & Mrs. Ernest, 4
- John J. Crooke Fund, 42, 88
- Johnson, Mrs. Dagmar, 98
- Johnson, Capt. Robert E., 42, 87
- Johnson, Harrison, 78
- Johnson, Manuel J., 71, 87
- Judson, Edmund L., 83
- Junior Bird Study Course, 53, 76
- Junior Museum, 7, 43, 85, illus. 77
- Junior Museum Stamp Club, 55
- Junior Naturalists, 74, 76, 96
- Junior Red Cross, 87

- Kennedy, T. Livingstone, 75, 78, 80
 Kennedy, Mrs. T. Livingstone, 14
 Kerr, Mark B., 4, 42, 89, 97
 Kindlund, Mrs. Martin G., 90
 Kirkley, Mrs. C. Leland, 94
 Kiwanis Concert Orchestra, 10, 16, 22
 "Klondike Avenue Woods," 70
 Knoble, Mrs. Nora S., 42, 87
 Koch, Theodore, 24
 Koenig, Henry, 14, 33, 100
 Koestner, John, 6, 18, 42, 78, 82, 87
 Kohler, Mrs. Louis H., 14, 90
 Koledo, Michael, 14, 33, 100
 Kolff, Cornelius G., 75, 78, 80
 Komorowsky, George, 3
 Korniloff, Mrs. Valerie, 59, 67
 Kress, Samuel H., 87
 Kroth, Richard, 92
 Kruger, Fritz, 16
 Kuhfahl, Mrs. Marjory, 15, 59
 Kuhn, Walter, 94

 Lawter, M. P., 99
 Lavori, Dr. William, 14
 Lang, Mrs. Ann, 4
 Lawrence, Miss Alice, 94
 Leason, Jean, 5, 15, 23, 42, 52, 59, 60,
 74, 78, 81, 85, 87, 91, 92; articles 15,
 23, 52, 59
 Leason, Mrs. Isabel, 15, 59
 Leason, Percy, 5, 15, 23, 40, 43, 53, 59,
 71, 83, 85, 87, 91, 92, article, 40,
 illus. 81
 Lefebvre, Miss Marie, 35, 90
 Leng, Robert M., 78, 87
 Leng and Davis, "History of S. I.," 19,
 64
 Lenz, H. L., 87
 Leonard, Mrs. Doris, 35, 55, 82
 Lewis, Historical Publishing Co., 19
 Library, 4, 86
 Life Class, 5, 23, 43
 Lighthouse Hill, 47
 Literature, annual report 94
 "Lithographs, An Exhibition of," 41
 Liu Liang Mo, 14, 90
 Lloyd, Dr. Milton S., 24
 "Looking Eastward from Todt Hill,
 Staten Island, 1895," 59, 71, 82, 92;
 illus. 71, 81
 Love, Edward L., 71, 87
 Lucaa, William, 71, 87
 Lumsden, Mr. & Mrs. William A., 35
 Lunde, Mrs. Sigrid, 90
 Lytle, Mrs. James H., 4, 14, 90

 MacDonald, Mrs. R. G., 4, 15, 59
 MacFarlane, Elsie, 16
 Mahler, Miss Martha, 59
 Marionette Show, 22, 85
 Marcus, Mrs. Augusta C., 24
 Mardus, Frederick, 92, 93
 Marshall, Mrs. Eleanor, 15, 59, 87, 92
 Marshall, Homer, 87
 Martin, George, 16, 61, 78, 97
 Martin, Mrs. Margaret M., 40
 Martin, Miss Nina, 61, 97
 Mase, Miss Carolyn C., 87
 Massa, William, 93
 Mathewson, Robert, 78, 81, 85
 Matthias, George M., 24
 McConaughy, Mrs. S. Griffith, 14
 McCracken, W. Lynn, 4
 McGowan, Miss Margaret, 24
 McKee Vocational & Technical High
 School, 69, 85
 McLain, Mrs. Chester A., 4
 McMillen, Loring, 55, 78, 82
 McNamara, Alfred, 15, 35, 59, 91
 McNiesh, James, 62
 Meade, Dr. Mary E., 83, 84; illus. 84
 Melish, Rev. William Howard, 27, 90
 Meltzer, Anne E., 92
 Membership, 24, 35, 40, 67, 83
 Mendelssohn, Felix, 10, 16, 22, 42, 53,
 61, 96
 Meredith, Roy, 66
 Meschenmoser, Mrs. W. F., 62
 Messiah Lutheran Church, 42, 53, 96
 Microscopy, 20, 28, 36, 43, 48, 53, 56,
 80, annual report 95
 Miller, Ernest, 24
 Milnes, Mark, 71, 87
 "Mineral Spring," 46
 Mira, Alfred S., 52, 59, 60, 92
 Mock, Gladys, 24
 Montclair, Mr. & Mrs. Thomas, 4
 Moses, Hon. Robert, 78, 81
 "Mother," 82, 92
 "Mr. Lincoln's Camera Man," 66
 Mud Turtle, 82
 Muller, Louis H., 24
 Muntzner, John, 67, 100
 Murphy, Mrs. Andrew, 67
 Murray, Mr. & Mrs. Henry J., 4, 99
 Murray, John, 14, 33
 Museum Bulletin, 75, 79, 83, 93, 100,
 article, 4
 Music, 16, 22, 42, 53, 61, annual
 report 96
 "Mycetozoa, A Review of Staten
 Island," 35
 Myers, Dr. William Starr, 19
 "My Trip to Bull's Island, S.C.," 47, 98

 Naess, Herman, 42, 62, 63, 87
 Nagel, Curtis F., 2, 22, 85
 Napier, Frank C., 13, 17, 43, 53, 55,
 74, 81, 82, 85
 "Narrows Bridge," 25, 93
 "Narrows Tunnell, The Case for a," 45,
 93
 Nascher, Anselm M., 99
 National Gallery of Art, 87
 Natural History, annual report, 97
 Nature Program, 17, 27, 35, 42, 47, 53,
 58, 60, 73
 "Nature Snooping,"
 The Mineral Spring, 46
 Crocheron's Mill Pond, 64

Klondike Ave., Woods, 70
 mentioned, 83
 Nature Study Group, 6, 17, 27, 35, 47,
 53, 74
 Nauss, Mrs. Ruth, 44
 "Near Horizons," 2, 69, 70, 85
 Nesslinger, Miss Carlita, 80
 Nesslinger, Karl O., 53, 71, 75, 87,
 98, 99
 Nesslinger, Mrs. Carla E., 53, 78, 87,
 89, 98, 99
 Netherlands Indies, Board of, 87
 Neumann, Joseph, 4
 New Dorp Library, 60
 New Dorp High School, 58, 74, 96
 Oakwood Beach, 44
 New England Historic Genealogical
 Society, 87
 New Springville, 46
 New York, City of, 81
 Department of Parks, 22, 85
 New York City Federation of Women's
 Clubs, 14, 90
 New York Microscopical Society, 96
 Nichols, Mrs. Donald, 87
 Norris, Mrs. Walter E., 24
 "Notes on the Watch Collection," 62
 Notre Dame College, 74, 96
 Nyman, Russell, 67
 Oakwood Beach, 44
 O'Connor, Robert J., 35, 44, 53, 95, 96
 O'Connell, Harold J., 71, 83, 84, 87,
 illus. 84
 O'Dwyer, Hon. William, 40, 78, 80, 81
 Officers of the Institute, 78
 "Old Barges, Tottenville," illus. 57
 Oliphant, Mrs. Ronald, 42, 87
 Oltmanns, Mrs. Edward H., 67
 Onderdonk, Miss Lillian B., 24
 "On the Pier," illus. 52
 Ordeman, Herman W., 78
 O'Sullivan, T. H., 66
 Otis, Bass, 41
 "Our Educational Program," 43
 Packer, Miss Rosalie M., 94
 Page, William, 66
 Palma, Joseph A., 40, 75, 78, 80
 "Pan American Highway," 2, 49, 85,
 Parke, Mr. & Mrs. David T., 4
 Parke, Mrs. Elizabeth, 5, 6, 14, 43, 71,
 74, 81, 82, 85, 87, 93, articles, 43, 62
 "Passion According to St. Mathew,"
 42, 53, 61, 96
 Pearson, John, 63
 Percival, John, 16
 Periodicals, Library List, 86
 Perosi, Joseph J., 24, 71, 87
 Peterson, P., 14
 Petterson, Miss Eleanor, 15, 60
 Phelps, Jr., C. B., 61
 Philately, article 54, annual report, 99
 Philip, Mrs. Edward C., 42, 62, 87

Photography, 30, 31, 32, 33, 61, 71,
 annual report, 99
 "Photography and Art," 40
 "Photography as a Hobby," 30
 "Photography, One of Top Five," 32
 Place, Richard, 87
 "Plant Adaptations to Winter Months"
 17
 Plant Census, 17, 27, 34, 35, 47, 53, 58,
 74, 82, 98
 Ploeser, Miss Louise, 97
 Plumb, Mr. & Mrs. John, 4
 Polevoy, Gwin, 17
 Politico, Philip, 15
 Poulard, Miss Agnes, 83
 Pollard, Charles Louis, 18, 83
 Port Richmond High School, 58, 74, 96
 Port Richmond Library, 61
 Pouch, Alfred T., 71, 87
 Powell, Mrs. Mildred S., 4
 Prince Bay, 17, 44
 "Proposed Approach to Brooklyn Tun-
 nel from Rosebank, S. I.," illus. 45
 "Proposed Narrows Bridge," illus. 21
 Rabbage, Lewis H., 93
 Rasko, Maximilian A., 5, 15, 39, 85, 91,
 92, illus. 39
 Ray, John, 14, 71, 87
 "Recent Accessions," 42
 Recital for Flute and Piano," program
 61
 Reddy, Raymond J., 25, 45, 83, 92, 93
 Redjives, Casimir, 35, 38, 44, 98
 Regan, William, 80
 Reid, Albert T., 5, 15, 91
 Reilly, T. Frank, Jr., 93
 Reiskind, Mr. & Mrs. Maxwell, 40
 Renfield, Mrs. Kathryn, 4
 Ribes, Miss Nieves, 24, 27, 53, 80, 85,
 98
 Richardson, Mrs. W. F., 87
 Richmond, 17, 47
 Richmond County Chapter, D.A.R., 87
 Richmond County Chapter, New York
 State Society of Professional Engi-
 neers, 25, 92
 Rogers, Mrs. Austin, 94
 "Role of the Community in Education,"
 85
 Ronning, Mrs. Olaf, 87
 Root, Hinman R., 5, 14, 93
 "Roses—Flowers of Our Fields," 72
 Ross, Miss Janet, 4, 5, 15, 41, 92
 Roughley, T. C., 2, 10, 13
 Rouse, Mrs. Elsie G., 35, 83
 Ruberg, Mrs. Harriet, 90
 Rundlett, Edwin A., 11, 53, 82, 83, 87,
 98, article, 11
 "Russia," 27
 Safford, Mrs. Raymond, 42, 87
 Sampson, Mrs. Fritz, 67, 90
 St. Peter's High School, 58
 Sanders, Mrs. Dorothy Carter, 71, 90

- Scheuch, Mrs. W. A., 35
 Schimmel, Miss Ruth, 4
 "Schooner on the Ways," illus. 15
 Schroeder, Ernest, 42, 87
 Schultz, F. W., 99
 Schwarz, Arnold V., 4
 Section of Art, 5, 15, 43, 71, 82, 87,
 91, 92, annual report, 91
 Section of the Dance, 14, 83
 Section of Microscopy, 82, 96
 Section of Natural History, 73, 83, 97
 Section of Photography, 14, 83
 Seeley, Mrs. Sherwood B., 97
 Segman, Libbie, 60, 92
 Seventeen-year Cicada, Brood II, 6
 Shaff, Victor M., 67
 Shaff, Mrs. Irene, 14, 60
 Sheerin, Dr. Ethel, 87
 Shoemaker, Ernest, 87
 Shrubs, 46, 75
 "Shrubs and Trees for Your Garden,"
 65
 St. George Library, 61
 Siebert, Ralph, 87
 Siemering, Violet, 4, 15
 Simmons, Miss Louise, 42, 97
 Simons, Mrs. Isabel V., 60
 Simonson, Sidney O., 87
 Singstad, Ole, 45
 Skinner, Mrs. F. W., 14
 Sleight, Mrs. Edgar, 42, 87, 98
 Smith, Mr. & Mrs. L. Hartley, 94
 Smith, Mrs. S. McKee, 14
 "Some Interesting Trees," 11
 Sonz, Mrs. Frances B., 15
 South Avenue Woods, 6
 "South by Skies," 2, 22, 85
 Sperr, Percy, 87
 Staff, 74, 78, 81
 Stahr, Frederick C., 67
 Stanley, Robert C., 71, 87
 S. I. Advance, 83
 S. I. Bird & Nature Club, 6, 11, 38, 47,
 53, 83, 97
 S. I. Bird Notes," 17
 S. I. Camera Club, 14, 15, 31, 32, 33,
 41, 61, 71, 82, 83, 85, 91, 99;
 illus. 79
 S. I. Choral Society, 10, 16, 22, 42, 83,
 96
 S. I. Day School, 58, 74, 85, 96
 S. I. Historical Society, 55
 S. I. Methodist Choir, 10, 16, 22
 S. I. Microscopical Society, 27, 35, 47,
 53, 58, 74, 83, 85, 95, illus. 95
 "S. I. Nature Notes," 6
 S. I. Oratorio Society, 42, 53, 61, 83,
 96, 97
 S. I. Philatelic Society, 99
 Steinman, Dr. D. B., 21, 25, 83, 93
 Stetson, Miss May W., 24
 Stevenson, Miss Barbara, 16
 Stirn, Louis, 71, 87
 Stoddard, Charles C., 78
 "Story of New Jersey," 19
 Stothers, Edward M., 42, 78, 87
 Stoughton, Dr. Clarence C., 83, 84,
 illus. 84
 Strauss, Dr. Frank A., 42, 53, 75, 78,
 80, 87
 Stryker, Mrs. Carol, 3
 Stumpp, August, 71, 87
 Stumpp, Edwin, 71, 87
 Summer Program, 75
 Sunderman, Miss Marjorie, 14, 42, 78,
 89, 96, 97
 Sunnyside, 74
 "Sunny Pastoral," illus. 23
 Sutera, Lena, 15
 Sutera, Marie, 15
 Tanner, Mrs. Ivins S., 95
 Teale, Edwin Way, 2, 69, 70, 85
 "Techniques and Drawing of the Fig-
 ure in Life," 43
 "The Case for a Narrows Tunnel," 45
 "The Lure of Old Bibles," 54
 "The New Music Season," 42
 "The Place of Cropsey in the World of
 Art," 71
 Tompkins, F. Laird, 24
 Tottenville, 18
 Tottenville High School, 58
 Treasurer's Report, 88
 Treble Ensemble, 14, 97
 Trees
 "Some Interesting Trees. Part II," ar-
 ticle and list, 11
 "Trees For Your Garden, Shrubs
 and," 65
 see also "Staten Island Nature
 Notes," 6
 "Nature Snooping," 46, 64, 70
 "A New S. I. Butterfly," 18
 "Determination of Conifers by
 "Means of Cross-Sections of the
 leaves," 47
 "Trilogy on Transit," 25
 Tuttle, George W., 81
 Tweed, Mrs. Harrison, 42, 87
 Tyler, Mrs. Walter A., 67
 Tyler, Walter A., 71, 87
 Tysen, Miss Ruth G., 60, 92
 Urbach, William C., 24
 Van Blerkon, Solomon, 78
 Van Cleve, Mrs. C. G., 4
 Van Dyck, Mrs. Omon, 67
 Van Dyck, Omon, 4, 15
 Van Name Fund, 88
 Van Wormer, Mrs. Ralph, 95
 Varon, David, 15, 60, 87
 Vaughn, Mrs. George Post, 14, 90
 Verpillot, Emil A., 92, 93
 Vitt, Harry, 40, 83
 Vitt, Mrs. Corinne, 40
 Von Beveren, Mrs. James, 4

- Vogt, Miss Harriet Joan, 4
 Vogt, Mrs. Frank, 4

 Wagner Memorial Lutheran College,
 24, 41, 53, 58, 74, 80, 82, 92, 96
 Wagner College Women's A Cappella
 Choir, 10, 16, 22, 97
 "Walks with Nature," 83
 Wallerstein, Leo, 71, 87
 Wallich, Alfons, 14, 33, 100
 Wallich's Camera Shop, 31
 Walsh, Herbert S., 24
 Ward's Point, 38
 Warne, Mrs. Anne, 14, 33
 Warne, Herbert, 14, 33, 100
 Warnshuis, Dr. Lilian, 4
 Warth, Miss L., 42, 87
 "War Photos in Camera Club Exhibit,"
 33
 "Water Mill," illus. 41
 Waters, Thomas F., 99
 Weber, William C., 66
 Weingartner, Miss Elizabeth, 4
 Weingartner, Miss Mathilde, 47, 53,
 82, 87, 98, 99
 Wenger, John, 5, 91
 Weiss, Harry B., 87

 Werner, Robert, 92, 93
 West New Brighton Library, 61
 Whitaker, Frederic, 14, 15, 92
 White, Mrs. F. Winthrop, 60, 71, 87,
 92
 Weigmann, Dr. William, 27, 47, 95
 Wigand, Adeline Albright, 82, 92
 Wigand, Otto C., 92
 Wigand, Robert, 87, 92
 Wilmott, George, 35, 38
 Wilson, Capt. John, 78
 Winant's Swamp, 46
 Winsch, Mrs. F. J., 24
 Wolfe's Pond, 17
 Wolstad, Miss Irene N., 60
 Woman's Auxiliary, 14, 27, 35, 54, 67,
 83, 87, 90
 "Wonders of the Great Barrier Reef,"
 2, 10, 13, 85
 Woods of Arden, 53
 Wylie, Mrs. Robert, 97

 "Ye Olde Names and Nicknames," 46

 Zarilli, Canio, 35
 Zurmuhlen, Frederick, 93



MUSEUM BULLETIN

VOLUME XXIX, No. 1 — OCTOBER, 1946

WILLIAM T. DAVIS MEMORIAL LECTURES

October 19, 1946—Frank E. Gunnell

will show for the first time on Staten Island, his prize-winning film

“While the Earth Remaineth.”

See page 2 of this *Bulletin* for announcement.

January 18, 1947—Dr. W. H. Camp

Assistant Curator of the New York Botanical Garden, will present a beautifully illustrated lecture

“Spring in the West.”

March 15, 1947—Cleveland P. Grant

will show his excellent natural color motion pictures on

“American Birds and Big Game.”

May 24, 1947—Howard H. Cleaves

who certainly needs no introduction to Staten Island audiences, will show a brand new color film,

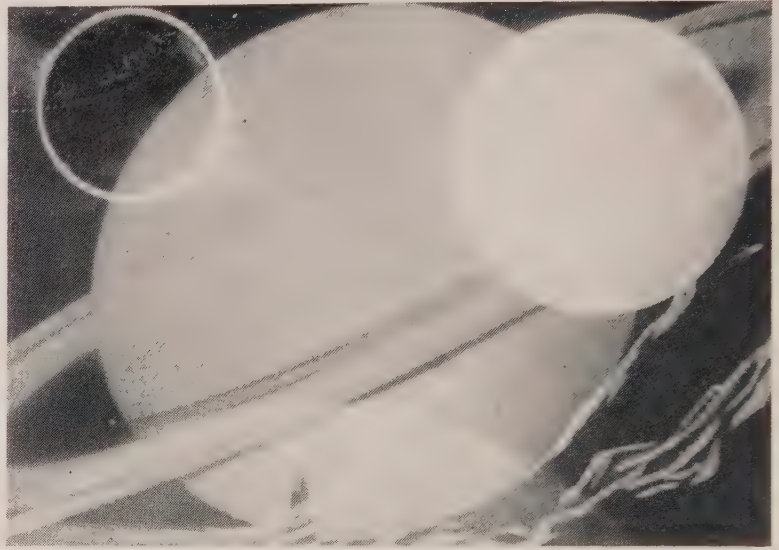
“Animals Unaware,”

These illustrated lectures have been made possible by the William T. Davis Natural Science Fund. They will be held in the auditorium of McKee Vocational and Technical High School, Belmont Terrace, St. George, at 8:15 P.M. and will be open to the public without charge.

OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK



WILLIAM T. DAVIS MEMORIAL LECTURE

FRANK E. GUNNELL, FACI

Staten Island's Ace Photographer

"WHILE THE EARTH REMAINETH"

at the regular Institute meeting

SATURDAY, OCTOBER 19, 1946, 8:15 P.M.

McKee Vocational and Technical High School

"While the Earth Remaineth," won the much coveted Hiram Percy Maxim Memorial Award for 1945. Based upon the twenty-second verse of the eighth chapter of Genesis, wherein the Lord pledges that He shall never again smite the earth, as He had done in the recent Deluge, the film shows the creation of the Earth. The sequences suggesting the formation of the cosmos and the first coming of light to the new planet are among the most stirring and purely creative passages in the history of amateur movies. The film is scored with inspiring music including passages from Beethoven's "Pastoral Symphony," Franck's "Symphony in D Minor," Schumann's "Third Symphony," and Haydn's "Symphony in D Major."

BREEDING BIRD COUNT, 1946

Howard Cleaves

Sunday, June 2, 1946, was the least favorable day imaginable for the observation of birds. At 6:30 A.M., when the writer heard a Baltimore Oriole and entered it as the first species on the day's list, the temperature was 48 degrees Fahrenheit, and the wind was from the east. It rained hard all day until late afternoon. Twice this observer returned to his home to make a complete change of clothes after being wet through to the skin. Winter underwear was worn and found comfortable. Several other observers who had intended to participate regarded the weather as so unfavorable that they failed altogether to go afield. Mrs. Miriam Stryker went out for a short time after the rain ceased and noted a total of seven species of which three were not represented on the writer's list of fifty-one species, making a total for the day of fifty-four species, a low figure compared with results obtained in previous years. The list for the day follows:

Eastern Green Heron, Black-crowned Night Heron, Greater Scaup Duck, Sparrow Hawk, Ring-necked Pheasant, Semi-palmated Plover, Piping Plover, Killdeer Plover, Black-bellied Plover, Ruddy Turnstone, Spotted Sandpiper, Semi-palmated Sandpiper, Sanderling, Herring Gull, Laughing Gull, Mourning Dove, Yellow-billed Cuckoo, Screech Owl, Whip-poor-will, Chimney Swift, Kingfisher, Flicker, Kingbird, Crested Flycatcher, Phoebe, Wood Pewee, Prairie Horned Lark, Tree Swallow, Rough-winged Swallow, Barn Swallow, Blue Jay, Crow, Fish Crow, House Wren, Long-billed Marsh Wren, Catbird, Brown Thrasher, Robin, Wood Thrush, Veery, Starling, Red-eyed Vireo, Northern Yellow-throat, Yellow-breasted Chat, English or House Sparrow, Bobolink, Red-winged Blackbird, Baltimore Oriole, Purple Grackle, Cardinal, Towhee, Seaside Sparrow, Field Sparrow, Song Sparrow.

Actual nests of Bluejay, Kingfisher, Purple Grackle, Killdeer Plover and Prairie Horned Lark were observed. The Horned Lark and Killdeer nests had been discovered several days earlier, at which time the Killdeer nest contained one egg and the Horned Lark nest four young. On June 2nd the Killdeer nest contained one newly hatched chick, which indicated that the owner of this nest had either laid but one egg or had in some manner lost three eggs, the customary clutch for this species being four eggs. In the period of only two or three days the Horned Lark mother had lost one out of four healthy looking nestlings from undetermined cause, the flattened body of a dead chick being discovered in the bottom of the nest under three living young on June 2nd.

At about nine o'clock p.m. the writer was leaving Crooke's Point with forty-seven species on his list for the day. At that hour it was too dark for further sight identification of birds and it seemed as if the total for the day could not be made to reach the round number of fifty species. Just then the unmistakable whistle of a Black-bellied Plover was heard. This raised the number to forty-eight. The sky was now clear with a crescent moon showing in the west, and, although it was much too late in the season now to expect to hear Woodcock, three localities where these birds occur each year were

MUSEUM BULLETIN of the Staten Island Institute of Arts and Sciences, Vol. XXIX, No. 1, October, 1946. Published monthly, except June, July and August, by the Staten Island Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island, N. Y. and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912. Roswell S. Coles, Editor.

visited, but without result. At 10:45 p.m., with the temperature still at 48 degrees F., some intensive listening was indulged in at a point on Ramona Boulevard not far east of Outerbridge Crossing. The reward was high, — a Whip-poor-will and a Yellow-breasted Chat both calling at the same time. This lifted the total to fifty-species. As this weary observer went to bed at midnight, having been almost eighteen hours afield on Staten Island tabulating birds, his was a sense of understandable satisfaction. Sleep was about to take over when the tremulous call of a Screech Owl was heard through a bedroom window. But the hands on the watch said four and a half minutes after midnight, which put the owl in another day. Next morning, however, a check with the radio showed the watch to be five minutes fast. Mr. Screech Owl had been heard at 11:59½ p.m. and became number fifty-one on the list.

It should be added that encroaching vegetation on the dredged ground of Crooke's Point has eliminated the Least Tern as a breeding bird on the island. In 1945 a few of these terns were seen near the point, but none bred, while in 1946 the species was entirely absent. One nest of the Piping Plover (4 eggs) was found later in the month of June and a second pair of these birds seen. Prairie Horned Larks appear to be on the increase, an estimated four pairs being present in the Crooke's Point area in 1946.

THE ANNUAL EXHIBITION

The Annual Exhibition by Artist Members of the Institute will be opened with a reception in the Museum on Sunday, October 6, from 3.30 to 5.30 P.M. A colored film of the artist Wayman Adams, painting a portrait of Morris Gest, noted producer, will be shown at 4 P.M. The Executive Committee consisting of Percy Leason, Albert Barbelle, Daniel Bridgman, Alfred McNamara, Frederick Bohrer, Mrs. Muriel M. Cleaves and Jean Leason will act as the Reception Committee.

Frederic Whitaker, associate member of the National Academy and President of the Audubon Artists, and Jay Roland, a member of the Executive Committee of the Audubon Artists, acted as the jury of selection for this exhibition.

ARTISTS' CARNIVAL

The Artists' Carnival which will provide lots of fun and a colorful evening for all artists and friends of the Institute will be held at the Staten Island Day School, 45 Wall Street, on November 2 at 8:30 P.M. Pictures donated by the artists will be given as door prizes and there will be dancing, side-shows and refreshments. Admission will be \$1.40, including tax and the proceeds will go to the art fund.



"Lemon Creek," by Percy Leason

S. I. LANDSCAPES BY PERCY LEASON

An exhibition of Staten Island landscapes by Percy Leason is being shown in the gallery from September 1 to October 4.

Mr. Leason has not limited himself to spectacular beauty-spots of the Island but has chosen, by preference, views which are seen every day by many Staten Islanders. The boat-house at Clove Lake, the wharves at Stapleton, snow on Ward's Hill, sunlight through the trees along the brook at Goodhue Park, and a score of other unpretentious fragments of the Island have been studied.

Mr. Leason's illustrations are frequently seen in Collier's, Liberty and other periodicals. He has exhibited with the Allied Artists and the National Academy, besides being represented regularly at the Annual Staten Island shows. At the last exhibition of the Audubon Artists he was awarded the Sydney Hollander prize. He is a member of the Executive Board of the Audubon Artists, a member of the Society of Illustrators, and President of the Section of Art of the Institute.

The paintings exhibited are: "Early Spring Morning, Stapleton;" "Aircraft Carrier, Stapleton;" "Catching Frogs, Flagg's Pond;" "Sea Drift, Crooke's Point;" "The Little Brook, Goodhue Park;" "April Sunlight, Flagg's Pond;" "Artists at Work, Lemon Creek;" "Early Spring Evening, Stapleton;" "Man's Junk and a Remnant of Nature;" "Looking over the Golf Course to Sandy Hook;" "Summer Afternoon at Lemon Creek;" "Hazy Summer Morning, Stapleton, and the Lower Bay;" "The Boat House, Wolfe's Pond;" "Spring Afternoon;" "The Boat House, Clove Lake;" "June Afternoon, South Beach;" "Nan on the Front Porch;" "Heavy Snow;" "Derelict, Kill Van Kull;" "Shopping Expedition in the Snow;" "Summer Afternoon, Flagg's Pond;" "Late Spring, Stapleton;" "Low Afternoon Sun;" "Max and John Frogging, Betty Holmes Brook;" "The Bridge, Clove Lake;" "Summer Morning in the Back Yard;" "The Letter, Wolfe's Pond;" "Snow, Ward Hill;" "Stapleton Wharves Before the War;" "Stapleton, Early Lend Lease;" "Morning Sunlight, Back Porch;" "Mid-Winter, Ward Hill;" "Early Spring, Castleton Ave.;" "Water colors;" "Snow in the Court;" "Winter Sunlight, Stapleton."

SOME INTERESTING TREES, PART III

Edwin A. Rundlett



Cedars of Lebanon
4849 Hylan Boulevard

Photograph by the author

In the October, 1944, and November, 1945, issues of the *Museum Bulletin* were listed outstanding specimens of 45 species of trees. The following will bring the number of such trees up to 66.

The Natural History Section of the Institute is recording this information, along with similar data about wildflowers and other vegetation, to enable future students to find quickly the species they wish to know better.

A good measure of contentment is our ability to see good and beauty in every living thing. Let us train ourselves to that end.

Cedar of Lebanon, *Cedrus Libani*, 30-36 in. Extremely rare, picturesque, evergreen trees made famous by the Bible. These specimens are reported to have been planted during Masonic rites beside an old mansion at 4849 Hylan Boulevard, built in 1693. The landscape architect, Frederick Law Olmstead, who laid out Central Park, was living there in 1857 and planted

a number of trees. The writer believes that the Cedars were planted still earlier. Here's a job for you historians.

English Elm, *Ulmus procera*. Most of the huge Elms on the front lawn of Sailors' Snug Harbor, Richmond Terrace, Livingston, are of this sort. They have a sturdy central leader instead of the graceful vase-shape of the American Elm.

A Freak Maple, *Acer platanoides Schwedleri*. This tree, in the center of Hero Park, Tompkinsville, is normal except for one huge branch which forms the greater part of one side of the tree. This has more twiggy growth and smaller leaves. Why?

Butternut, *Juglans cinerea*, 14 in. An edible nut once common but now rare on Staten Island. On lawn at 110 Driggs Street, Great Kills.

Honey Locust, *Gleditsia triacanthos*, 31 in. A tall tree with glossy, fern like foliage, and clusters of heavy thorns. The large, sweetish seed pods are relished by cattle. Stands city conditions well. 119 Taylor Street, West Brighton.

Nikko Fir, *Abies homolepis*, 12-24 in. More tolerant than Balsam Fir and just as beautiful. On lawn of 274 Segune Avenue, Prince's Bay. A Japanese sort.

Carolina Hemlock, *Tsuga caroliniana*. Hardy on Staten Island. Foliage more dense, and, in the writer's opinion, more beautiful than that of the common Canada Hemlock. Two specimens in courtyard of Silver Lake Golf Clubhouse.

Sweetbay or Swamp Magnolia, *Magnolia virginiana*, 10 in. A late-blooming sort of intense fragrance. Flowers resemble Gardenias. A native of Staten Island, almost extinct. A front lawn specimen at 78 Todt Hill Road, Castleton Corners.

Georgia Buckeye, *Aesculus neglecta*, var. *georgiana*. A choice small tree or large shrub bearing reddish flowers somewhat like those of the larger and coarser Horsechestnut. In shrub border of Barrett Park opposite the end of Colonial Court.

Sweet Buckeye, *Aesculus octandra*, 12 in. A sort with yellowish blooms and spineless fruits. Rare this far north. Near street at 346 Seguin Avenue, Prince's Bay.

Himalayan Pine, *Pinus excelsa*, 26 in. Similar to our native White Pine but with longer needles which hang in drooping glossy clusters. Near Four Corners Road opposite the end of Benedict Road.

Chinese White Magnolia, *Magnolia denudata*, 15 in. This is the Yulan or Chinese Lily tree. Conspicuous for a quarter of a mile along Richmond Road from 1377, when in bloom.

Scrub or Virginia Pine, *Pinus virginiana* 8-16 in. A native sort once abundant in the southwestern part of the island; now rare. Two specimens and several seedlings at 179 Bloomingdale Road. More on grounds of St. Louis Academy, originating at 179.

Angelica Tree, *Angelica spinosa*, 10 in. Also known as Devil's Walking Stick because of its spiny cane-like young shoots. Conspicuous large clusters of white blooms in August. Near street at 6094 Amboy Road, Pleasant Plains.

Cornelian Cherry, *Cornus mas*. A small tree of the Dogwood family, having very early yellow flowers similar to those of the Spice Bush. Foliage attractive glossy green. Several specimens along drive leading from Clove Road to Clove Lakes Park parking lot.

Trifoliate Orange, *Poncirus trifoliata*. Interesting because of its resemblance to the tender Citrus Orange. Bears orange-like fruit in autumn. Foundation planting at 47 Pembroke Avenue, Randall Manor.

European Weeping Birch, *Betula pendula*. A tall, graceful White Birch with drooping branchlets. Makes a beautiful specimen for large lawns. On former Cromwell Estate across Four Corners Road from Benedict Drive.

European Purple Beech, *Fagus sylvatica, atropurpurea*. Two exceptionally fine large specimens branched to the ground. This species seems to stand Staten Island conditions better than the native sort. On the former Cromwell estate near the above address.



**European Small-leaved Linden
Cromwell Estate**

Photograph by the author

NATURE SNOOPING — MERSEREAU'S VALLEY

Lee A. Ellison

Once in springtime, April to be exact, the Bird and Nature Club fared forth on a trip through a portion of the Country Club grounds. The day was sultry and young and old raided the "corner drug store" at Dongan Hills for whatever cooling potions could be bought. At this point began much loud muttering of thunder and all but those who believed they would "lose face" by not completing the trip immediately sought shelter. The rest, consisting only of one intrepid Junior Museum member and myself, continued up Forest Road. Forest Road is a one-sided residential street in the mouth of Mersereau's Valley, a wooded ravine of romantic fame as long ago as the Revolution. It is also called the Valley of the Iron Hill. According to an old tale, there stood at the head of the valley at the time of the Revolution, a deserted cabin formerly occupied by a hermit, and approached only by a footpath through the dense woods. A young British lieutenant, having become enamored of the fiancée of one of the Mersereaus, attempted to kidnap her and carry her to the cabin; but her lover and his friends got wind of the plot, seized the kidnappers at the foot of the ravine, freed the girl and gave the lieutenant a thrashing. The cabin disappeared long ago, but the forest gave its name to the street we were now following.

On Forest Road the storm broke with all the pretty meteorological display of cold front, roll-scud, updrafts, downdrafts and much downpour. In two minutes we were as wet as it is possible to be, so we had a good chance to hike it out and observe nature in this valley during a well-developed storm.

Robins did not like the storm and sought shelter in an evergreen hedge. Cardinals and song sparrows did not seem to mind the rain but kept up a water-logged attempt at song.

On the western side of Mersereau's Valley is a rather continuous outcrop of crumbling serpentine rock here weathered to a soft brown but retaining masses of harder constituents. For many years opposite the end of Dutchess Avenue on Forest Road has occurred a stand of ebony spleenwort fern. Near the corner of Dalemere Road several small springs rise from a tangled mass of greenbrier and here we found many plants of sweet white violet.

At the corner of Dalemere Road and Delaware Street is a glacial boulder which I have known for many years, and I always lead nature students through the tick-trefoil jungle to visit it. It is a large mass, possibly weighing half a ton, of a Devonian Coral of *Clathrodictyon* or *Stromatopora*. In Thacher Park, near Albany, in the Helderberg Mountains is an outcrop of this ancient coral reef. One infers that this boulder traveled 160 miles or more on the Laurentian ice sheet to reach its present location.

At the end of our trip, we sought my car to find I had left the cowl ventilator open. The coil was wet and for a few days I walked where I would gladly have ridden.

MEMBERSHIP

We are happy to welcome the following Annual Members of the Institute: Mrs. Oliver Balmer, LeRoy Busing, Anna B. Callahan, Marjorie Fabregas, Mrs. Lola Landry Gerow, Clyde Gordon, Mrs. Carrie Greenberg, John A. Guion, Susan Guion, Conrad Heintz, A. C. Henshaw, Mrs. Dagmar Johnson, Mrs. John A. Kennedy, Martin J. Knabe, Henry Koenig, Euphemia

R. Mackie, Martha Mahler, Hope Mathewson, Robert Mathewson, Mrs. Ann McFarlane, Mrs. F. Meschenmoser, Mrs. Agnes V. Miller, Anne D. Novick, Mrs. Casimir Redjives, Frederick Sklenar, Dr. Adolph Stern, Mrs. Edmund Stirn, Mrs. Frank A. Strauss, F. G. Strecker, Edwin A. Stumpp, Hollis E. Taylor, Lydecker Van Riper, Margaret V. Walthall, Mrs. Ray S. Wilbur, Mrs. H. D. Wiman.

NECROLOGY

Agnes Lyman Pollard

Miss Pollard came to the Museum in the capacity of Museum Assistant in 1909, shortly after the Museum opened in the Borough Hall. In 1914 she was appointed Curator, in which office she served faithfully until forced to retire because of poor health in 1939. Since that time she had been cared for at the Christian Sanatorium, Midland Park, New Jersey, where she died June 1, 1946, at the age of 83. During her long residence on Staten Island she acquired many friends who have missed her since her resignation from the staff.

Dr. Frank Hankinson

Dr. Frank Hankinson was appointed District Superintendent of Public Schools in Richmond County in 1925 and in that capacity served as a member ex-officio of the Board of Trustees of the Institute until his retirement in 1936. He was elected an Annual Member in 1923. Dr. Hankinson exerted an important influence on Island education during his term of office and seventeen new schools were built here under his supervision. On his retirement in 1936 more than 700 teachers honored him at a testimonial dinner at the Hotel Astor. Dr. Hankinson died July 11, 1946 at the age of 80.

Medad E. Stone

Mr. Stone contributed generously to the community during his long life. He became an Annual Member of the Institute in 1896 and served as a member of the Board of Trustees, from 1919 to 1930 and from 1933 to 1938. He also served as a Trustee of the Staten Island Hospital, the Society for the Prevention of Cruelty to Children, Staten Island Chapter, American Red Cross, the Staten Island Savings Bank and at the time of his death was honorary Vice-President of the Boy Scouts of America. Mr. Stone died July 24, 1946 at the age of 82.

Thomas Livingstone Kennedy

Mr. Kennedy was another citizen who devoted much time to the betterment of the community. He became an Annual Member of the Institute in 1907 and served continuously on the Board of Trustees from 1919 until his death. Mr. Kennedy was greatly interested in local history and was active in the Staten Island Historical Society, serving as a member of the Board of Directors from 1919, and the Huguenot Society of America. Mrs. Kennedy, before her death in 1940, purchased the Voorlezer's House in Richmond for the Staten Island Historical Society. Mr. Kennedy died August 6, 1946 at the age of 87.

THE JUNIOR NATURALISTS

Robert Mathewson

Fortunately I joined the staff of the Museum during the summer, a time which offered ample opportunity to acclimate myself. Frank Napier, the former Curator, had a well planned schedule of indoor and outdoor activities and it was up to me merely to carry them out.

Trips afield during the summer offered an interesting educational program of Staten Island natural history. The careful work already done by Mr. Napier invited exploration of such places as Wolfe's Pond, Flagg's Pond and the clay pits at Rossville and a trip was made to the Bronx Zoo.

Many of the young people had specific interests and were helped along in their fields. However, with the others it was not uncommon to have three or four approach at one time with such diversified questions as, "Was that a House Wren?" "Is this a Green Frog?" "Why don't tadpoles have fore-legs?" and, "Can we go swimming?" Many of Staten Island's plants and animals were observed and collected during these trips, and it was not surprising that we soon had more frogs, toads, snakes, etc., than we could accommodate.

This condition, however, was not long lived, for included in our indoor program was the construction of our Nature Corner, now complete. Through the efforts of the older boys, particularly Max Leason, Ernest Holder, Martin Alvis and Andrew Schmidt, we were able to construct this latest addition to the Museum exhibits.

Specimens collected on our field trips also supplied our indoor study group with material for programs. The study group, made up of the same young people, held their meetings in the Museum on Thursday afternoons. A review of the previous field trip with comparisons of specimens and lectures on interesting nature subjects provided programs.

Many young people also contributed much to the odd jobs around the museum. In addition to those already listed, Robert Bruns helped with the printing press and Doris Budowitz worked in microscopy. Although not technically a part of the Junior Nature Program it should be mentioned here that Carlita Nesslinger, through the William T. Davis Scholarship Fund, spent part of the summer working with the mineral collection.

At the conclusion of the summer program, Certificates of Merit were awarded by Mr. Coles to the young naturalists for their conscientious study and effort in their respective fields.

Regularly scheduled field trips will be discontinued with the start of school. The following program will be carried out during the fall and winter months in the Museum. A special announcement of in-school services including lectures, moving pictures, demonstrations, and the use of loan materials has already been sent to Staten Island schools.

JUNIOR MUSEUM ACTIVITIES

MONDAYS	Clay Modeling	3:30 P.M.	Miss Jean Leason
TUESDAYS	Senior Science	3:30 P.M.	Mr. Robert Mathewson
WEDNESDAYS	Elementary Drawing	3:30 P.M.	Miss Leason
THURSDAYS	Oil Painting	3:30 P.M.	Miss Leason
	—Junior Nature—	3:30 P.M.	Mr. Mathewson
FRIDAYS	Movies	4:00 P.M.	Mr. Mathewson
SATURDAYS	Microscopy	10:00 A.M.	Miss Nieves Ribes

OCTOBER NATURAL HISTORY

A special treat will be given at the October 26 meeting of the Section of Natural History when Walter Shannon, member of the Adirondack Mountain Club, will present his lecture "Signs of the Seasons." Mr. Shannon has been actively engaged during several seasons in making a collection of kodachrome slides of wild flowers within a hundred mile radius of New York. "Signs of the Seasons" starts with January and shows some of the plants, flowers and other wild life that are found in the fields and woods, each month of the year.

The regular MONTHLY WALK will start at 2:30 P.M. on Saturday, October 12 from the corner of Richmond and Rockland Avenues. The group will visit the vicinity of the Hop Hornbeam trees, then will cross Klondike Avenue and return to Richmond Avenue via Richmond Hill Road.

Complementing the field trip, the STUDY GROUP will meet in the Museum on Tuesday, October 15 at 8 P.M.

You will want to read two interesting articles, "Wideawake Fair Invaded" by Dr. James P. Chapin, President of the Institute, in the September, 1946 *Natural History*, and "On the Trail of Congo Jim" by John K. Terres, in the July-August, 1946 *Audubon Magazine*. Copies of these magazines may be found in the Museum library.

COMMUNITY PLANNING

The Richmond County Chapter of the New York State Society of Professional Engineers will conduct a symposium on the topic, "What Can We Do For Our Community In The Next Few Years?" at its meeting on Thursday, October 10 at 8:15 P.M. in the Museum.

Among the speakers will be Mr. Frank J. G. Duck, Executive Secretary of the N.Y.S.S.P.E. Representatives from the S.I. Society of Architects as well as business and civic groups have been asked to participate. Institute members and friends are welcome to attend and take part in the discussion.

MUSIC PROGRAM

The Staten Island Oratorio Society has begun intensive rehearsals for a Christmas program of the Advent portions of Handel's "Messiah" to be given on December 16. Rehearsals are held each Monday at 8:15 P.M. in the Museum and the group will welcome any Staten Island singer. Auditions will be held at 8 o'clock on rehearsal nights. John L. Bainbridge, Professor of Music at Wagner College, conducts, assisted by Miss Marjorie Sunderman.

FALL COURSES

The Institute is offering six courses for adults during the fall term. These are open to anyone interested and credit may be received as an In-service course by teachers. Weekly announcements will be found in the Calendar on page 12 of this *Bulletin*.

Save Thursday, November 14, for our Sixty - Fifth Anniversary Dinner, to be held at the Meurot Club. Full announcement will be made in the November Bulletin.

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

CALENDAR — OCTOBER, 1946

1—Tuesday	— 7:00 P.M.	Creative Writing, The Short Story—Lesson 1
	— 8:00 P.M.	Nature Study Class
	— 8:30 P.M.	Treble Ensemble
2—Wednesday	— 8:00 P.M.	Microscopical Society — Robert J. O'Conno "Experiments in Mycetoza Culturing"
3—Thursday	— 8:00 P.M.	Institute Council
4—Friday	— 8:00 P.M.	Art Class—Techniques and Drawing of the Figur in Life—Lesson 2
6—Sunday	— 3:30 P.M.	Section of Art—Opening Reception for Annua Exhibition by Artist Members of the Institut
7—Monday	— 8:00 P.M.	S. I. Oratorio Society
	— 8:30 P.M.	Choral Techniques—Advanced Class
	— 8:00 P.M.	Creative Writing—Poetry—Lesson 4
8—Tuesday	— 7:00 P.M.	Creative Writing—The Short Story—Lesson 2
	— 8:00 P.M.	Nature Study Class
	— 8:30 P.M.	Treble Ensemble
9—Wednesday	— 8:30 P.M.	Section of Photography—Sam Dunton, Chief Pho tographer at the Bronx Park Zoo will spea on "Zoological Photography at the Zoo and in the Field". He will show colored slides and sound motion pictures.
10—Thursday	— 8:00 P.M.	Society of Professional Engineers
11—Friday	— 8:00 P.M.	Folk Dancing Class
12—Saturday	— 2:30 P.M.	Landscape Sketching Group at Grasmere Lakes
	— 2:30 P.M.	Section of Natural History—Field Trip—Meet a Richmond Avenue and Rockland Avenue
14—Monday	— 8:00 P.M.	S. I. Oratorio Society
	— 8:00 P.M.	S. I. Philatelic Society
	— 8:00 P.M.	Creative Writing—Poetry—Lesson 5
	— 8:30 P.M.	Choral Techniques—Advanced Class
15—Tuesday	— 7:00 P.M.	Creative Writing—The Short Story—Lesson 3
	— 8:00 P.M.	Nature Study Class
	— 8:30 P.M.	Treble Ensemble
18—Friday	— 8:00 P.M.	Art Class—Techniques and Drawing of the Figur in Life—Lesson 3
19—Saturday	— 8:00 P.M.	Wm. T. Davis Memorial Lecture—Frank Gummell —"While The Earth Remaineth."
20—Sunday	— 3:30 P.M.	Belles Lettres Society—At the home of Mr. & Mrs R. W. Cumberland.
21—Monday	— 8:00 P.M.	S. I. Oratorio Society
	— 8:00 P.M.	Creative Writing—Poetry—Lesson 6
	— 8:00 P.M.	Trustees' Meeting
	— 8:30 P.M.	Choral Techniques—Advanced Class
22—Tuesday	— 7:00 P.M.	Creative Writing—The Short Story—Lesson 4
	— 8:00 P.M.	Nature Study Class
	— 8:30 P.M.	Treble Ensemble
23—Wednesday	— 8:30 P.M.	Section of Photography—Print Competition limit- ed to Staten Island subjects
25—Friday	— 8:00 P.M.	Folk Dancing Class
26—Saturday	— 2:30 P.M.	Landscape Sketching Group at Richmond
	— 8:00 P.M.	Section of Natural History—Walter Shannon— "Signs of the Seasons."
28—Monday	— 8:00 P.M.	S. I. Oratorio Society
	— 8:00 P.M.	S. I. Philatelic Society
	— 8:00 P.M.	Creative Writing—Poetry—Lesson 7
	— 8:30 P.M.	Choral Techniques—Advanced Class
29—Tuesday	— 7:00 P.M.	Creative Writing—The Short Story—Lesson 5
	— 8:00 P.M.	Nature Study Class
	— 8:30 P.M.	Treble Ensemble
30—Wednesday	— 2:30 P.M.	Woman's Auxiliary—President's Reception and Tea—Music by the Amphion Male Quartette

MUSEUM BULLETIN

VOLUME XXIX, No. 2—NOVEMBER, 1946



Scene in Old Richmondtown
Watercolor by Fernand O. Fingado
From the Annual Exhibition by Members
October 6 — November 29, 1946

OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

ARTISTS' CARNIVAL



Costume Prizes, Door Prizes, Side Shows
Eyes Carter and his Band
Auditorium of the Staten Island Day School
45 Wall St., St. George

Saturday, November 2
Admission

8:30 P.M.
\$1.40 tax included

65th ANNIVERSARY DINNER

*You are cordially invited to attend the 65th Anniversary
Dinner of the Institute to be held at the Meurot Club,
Thursday, November 14, 1946, at 7 P. M. Dinner \$2.50*

Please make reservations early.

An exceptional entertainment, "Bolivian Costumes and Dances," will be presented by Nilda Nunez del Prado through the courtesy of the East and West Association, Pearl S. Buck, President. The dances will be accompanied by authentic recordings.

Miss Del Prado is a noted Bolivian dancer, artist and writer. She was born and brought up in La Paz, capital of Bolivia and is the daughter of General Guillermo Nunez del Prado, former Chief of Staff of the Bolivian Army. She studied dancing in La Paz and then traveled extensively throughout her own country and Peru, studying, sketching and collecting native costumes. While in La Paz she also studied art illustration at the Academy of Fine Arts and published many original designs based on Indian themes. She was also a member of the Amerindia Ballet of La Paz.

Five years ago Miss Del Prado came to the United States. While here, she has given many dance demonstrations and lectures and has lent her collections and original designs for exhibition purposes. Some of these will be on exhibition at the Museum for several weeks.

THE ANNUAL EXHIBITION BY MEMBERS

Jean Leason

Forty-nine oils and watercolors and one piece of sculpture were chosen by the jury to represent the work of members of the Section of Art in its annual exhibition. A reception was held on Sunday, October 6 which was attended by more than three hundred and fifty members and guests and the current exhibition is one of the finest we have had. Frederick Whitaker, associate member of the National Academy and President of the Audubon Artists, and Jay Roland, a member of the Executive Committee of the Audubon Artists, acted as the jury for the exhibition.

The following members and their works are represented:

"Still Life," Albert Barbelle; "Old Stone House, Ulster Co., N. Y.," Henrietta Beaumont; "Dr. I. Scheinberg," Ely M. Behar; "The Back Porch," Cecil C. Bell; "Out of Piermont, N. H.," Leslie D. Bissell; "Self Portrait," Edith Boecking; "Staten Island Artists at Lemon Creek," Frederick Bohrer; "Peter," Gwen Bond; "Creek Shadows," F. A. Busing; "Beechwoods, Kenoza Lake, N. Y.," LeRoy A. Busing; "Gladiolas," Alice C-nady; "Wild Iris," Muriel M. Cleaves; "The Little Dock," Armen E. Darson; "Oriental Poppies," Artemis Darson; "Bar Harbor," Alex Dollin; "Hydrangea," Ethel R. Easley; "Off Mt. Desert Island, Me.," Christian E. Everson; "Scene in Old Richmondtown," Fernand O. Fingado; "What I Saw in the Mirror," Ben Finkelson; "Brooklyn Bridge," Helen Friedman; "Along Arthur Kill Road" and "The Willows at St. Andrews," Lola Landry Gerow; "Dogwood," Frances Gessner; "St. Andrews Episcopal Church," Josephine Giammella; "Prince Bay," Hans Glinicke; "Head of an Old Woman," Valeria Kornileff; "Harmony in Red and Gray," Marjorie Kuhfahl; "Vegetable Basket," Isabel Leason; "In the Studio" and "Mohegan Bluffs," Jean Leason; "The Mannequin," Pat Leason; "Gib. 7-1135" and "Progress," Percy Leason; "Fruit Bowl," Martha Mahler; "Phlox," Eleanor Marshall; "Waterfront Conversation," Alfred McNamara; "Storm in Italy," Philip Politico; "Chess Player," Jay Roland; "Prince Bay" and "The Voorlezer's House," Libbie Segman; "Gloucester Rocks," Violet Siemering; "The Stable," Frederick Sklenar; "Summer Noon," Ruth Gifford Tysen; "Broad Reaching" and "Pond Lily Pool," Omon Van Dyck; "Amiens Cathedral, France," David Varon; "Humble Home" and "The Pink Monster," Frederick Whitaker; "Clear and Cool," Theodora Peck Wilbur; "El Chorro" (woodcarving) Barbara Hinrichs.

ARTISTS' CARNIVAL

The Artists' Carnival will be held on Saturday, November 2 at 8:30 P.M. in the auditorium of the Staten Island Day School. Costumes are optional but many members will come dressed for fun. Eyes Carter and his band will provide music for dancing. The committee in charge of the Carnival consists of Alfred McNamara, chairman; Albert Barbelle, Hans Glinicke and Percy Leason, advertising; Mrs. Carl Tellefsen, refreshments and Frederick Bohrer, construction.

LIBRARY NOTES

Mabel Abbott

The Library is showing this month on the main floor several rare old books on Natural History. Some of these were the property of the late William T. Davis and some have been in the collection of the Museum for many years. With their hand-colored engravings, and in some cases beautiful bindings, they are not only rich in association value, but also in interest to naturalists and to lovers and connoisseurs of old and rare books.

(Continued on page 18)

MUSEUM BULLETIN of the Staten Island Institute of Arts and Sciences, Vol. XXIX, No. 2, November, 1946. Published monthly, except June, July and August, by the Staten Island Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island, N. Y. and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912. Roswell S. Coles, Editor.

FLOWERS OF OUR FIELDS, THE ROSES

I. C. G. Cooper

Continuing our description of Staten Island members of the Rose family, attention now turns to that delight of children, the wild strawberry. Few indeed are there who do not know the three-divided leaves of this plant and who have not tasted its fruit. The receptacle upon which the pistils grow eventually expands upward and becomes fleshy or pulpy and edible.

We may find here two different wild strawberry plants whose fruits are pleasant but we may also be deceived by a third and similar plant which has its receptacle enlarged and red but its flesh is not soft and its flavor is anything but sweet.

Virginia or Scarlet Strawberry (*Fragaria virginiana*). In this native plant, common on the Island, the fruit (that is the seeds) are imbedded in pits on the swollen receptacle. The flower stem is shorter than the leaf stems. Flowers are white.

European Wood or Hedge Strawberry (*Fragaria vesca*). In this imported plant the seeds are on the surface of the pulp and flower stems are longer than the leaf stems. This is quite rare.

Mock or Indian Strawberry (*Duchesnea indica*). This is the bitter one. It is not common. The plant forms leafy runners and bears yellow flowers on leafy stems. The flowers are larger than true strawberry flowers and fruit is red, hard and insipid.

Another yellow flowered group of the Rose family, called Agrimony, is represented here by possibly three species. These can be recognized by their interesting compound leaves which have small leaflets interspersed between the larger ones. The first described is quite common, the others occasional only.

All of these plants grow somewhat tall and are a little confusing to identify but consideration of the following will help in separating them.

Tall Hairy Agrimony (*Agrimonia gryposepala*). Plants with shaggy soft hairs. Leaves large, leaflets mostly with two or three pairs of interposed leaf segments. Some hairiness on underside of nerves of leaves. Flowers comparatively large, up to one half inch in diameter, with petals longer than the sepals.

Many Flowered Agrimony (*Agrimonia parviflora*). Stem has coarse brownish hairs, softer near the upper part. Leaves crowded, leaflets 9 to 17 and narrower than in the previous plant. Flowers on a long spike, numerous but smaller than in the last, about one-third inch..

Soft Agrimony (*Agrimonia mollis*). The soft hairs near the top of the stem sometimes give this plant a greyish appearance. Leaflets 5 to 11, have a narrower form than those of *A. gryposepala* and have a soft downy underside. Flowers scattered on the spike and quite small, not much over one quarter inch.

Gathering blackberries has rewarded many a one with more scratches than fruit, but old and young still risk their flesh if thereby they may enjoy the flavor of the ripe berries.

Blackberries and raspberries are all grouped under the genus RUBUS. All our wild forms yield fruit but not all are pleasant to eat. Those in which the small drupelets of the fruit separate easily from the dry receptacle are



a.—*Agrimonia gryposepala*
b.—*Rubus odoratus*

c.—*Rubus procumbens*
d.—*Rubus laciniatus*

e.—*Rubus frondosus*

considered to be Raspberries and the others which cling to a juicy receptacle are the Blackberries.

All Staten Island species but one have white flowers of the ROSE type having a persistent five parted calyx and five petals which fall away before the fruit forms. They vary in leaf form, nature of or lack of prickles and upright or trailing habit of the stem and these features serve to segregate the various species.

Our tall bramble most likely to be noticed is **Leafy-flowered Blackberry** (*Rubus frondosus*). Stems arching and ridged and having strong prickles. Leaflets mostly five, soft hairy beneath. The fruiting stems carry single leaflet bracts and also prickles. Fruit black, rounded and oh so good.

There are two common kinds of trailing-stemmed blackberries. The first is found on dry soils and the other in low and wet ground.

Low Running Blackberry (*Rubus procumbens*). Stem shrubby often several feet long. Leaflets 3 to 7, somewhat wedge-shaped at base. Branches and leaf stems a little prickly. Fruit black, good, sometimes large.

Running Swamp Blackberry (*Rubus hispidus*). Stems slightly woody with many weak bristles. Branches with few prickles. Leaflets 3 to 5, somewhat shining above.

A native of Europe which has escaped from cultivation in a few places is *Rubus laciniatus* which will immediately be recognized by its very much divided leaves with their densely prickleset stems.

The leaf forms in the accompanying illustration have all been taken from plants collected on Staten Island by the writer.

(to be continued)

S. I. MICROSCOPICAL SOCIETY PROGRAM

Joseph F. Burke

The program for the regular meeting on November 6 will be a lecture and demonstration, "The Microstructure of Volcanic Glasses," by Mr. George E. Ashby. In the spring Mr. Ashby discussed the microscopical characters of decomposing glass, both ancient and modern, particularly its crystalline character. His talk dealt entirely with man-made glass. Now he extends his studies to the crystalline character of natural, volcanic glasses with the aid of the petrographic microscope.

The revival of the San Francisco Microscopical Society is being undertaken by Mr. George H. Needham. Mr. Needham is a charter member of the Staten Island Microscopical Society and former president of the New York Microscopical Society. The Microscopical Society of San Francisco is one of the oldest organizations, of its type, in the United States, inaugurated in 1868. This Society played an important part in scientific research up until the time of the San Francisco fire in 1906. Mr. Needham was very active in both microscopical and mineralogical research, here at the Museum.

LIBRARY NOTES (Continued)

"Anna," who taught the children of the King of Siam three generations ago, and who has now at long last got into the movies, is no stranger to Staten Island. She was Mrs. Anna Leonowens, a resident of West New Brighton for some years after the Civil War. Her stay on the Island was described at first-hand by the late Mrs. William G. Willcox in the book, *Legends, Stories and Folk-lore of Old Staten Island*, which, with the recent book, *Anna and the King of Siam*, is in our Library. And there is still a link of living memory, tenuous but definite, with her later life in Europe, long after she had left the Island. Mrs. R. C. Bridgman, of 146 Benziger Avenue, was only six years old when Mrs. Leonowens and her two grandchildren came to call at the apartment of Mrs. Bridgman's parents. Mrs. Bridgman now cannot recall whether the apartment was in Leipzig or Berlin but she does remember playing with the two dark-skinned children of Mrs. Leonowens' son and his Indian princess wife.

Mrs. Willcox remembered "Anna" well, because she was one of her pupils in the school she conducted in her little house on the corner of Richmond Terrace and what is now Tompkins Place. She was "a brunette, with waving hair parted above a pair of brilliant eager, searching eyes, rather a tanned skin and a warm-hearted, affectionate manner which endeared her to all who met her." Her daughter Avis was the real teacher in the school, but Mrs. Leonowens sat at a big table in the schoolroom, writing; and it was undoubtedly at this time that she wrote the books which were the main sources for the best-seller of today.

After "Anna" had left the Island, one of the Siamese princes whom she had tutored came to New York, and a reception was given in his honor and hers. Mrs. Leonowens sent invitations to Staten Island friends, and Mrs. Willcox, then old enough to go, attended, and was thrilled when, as Mrs. Leonowens introduced her as a former pupil, the Prince bowed, pointed to himself and exclaimed: "Me too!"

In our "Annual Reports" we listed over 80 periodicals which the Museum receives regularly. In order to make the great variety of special articles found in these periodicals more helpful to members and students the Museum will

notify anyone interested in special subjects or titles as they appear. If you wish to be notified, send a card to the Museum stating your name, address, and subjects of your special interest.

NOVEMBER NATURAL HISTORY

The ANNUAL ALL DAY HIKE will be held on Saturday, November 9, when those hardy souls interested in a distance hike at a good stiff pace will leave the Museum at 9:30 A.M., under the able leadership of Joe Burke, with Richmond as their goal. Lunch will be enjoyed at the Lighthouse Restaurant, Richmond.

At 2 P.M. the hikers will join the REGULAR FIELD TRIP of the Section of Natural History which will meet at Richmond and proceed for a walk through the woods east of Gifford's Lane, visiting the "Haunted Swamp," and going on to the Bay Terrace Station of the SIRT.

The STUDY GROUP will meet on Tuesday, November 12 at 8 P.M. for detailed study of material collected on the field trip.

THE PLANT CENSUS COMMITTEE will meet from 7:15 to 8 P.M. the same evening for specialized study of plant families.

At the EVENING MEETING on November 23, LEE A. ELLISON will give a talk on his vacation experiences entitled "Bog Slogging For Rarities in Asa Gray's Country." Mr. Ellison will illustrate his talk with mounted herbarium specimens and the projection of photographs from his trip.

PRINT OF THE MONTH COMPETITION

William Hunn

On November 13 at 8:30 P.M. the Metropolitan Camera Club Council, an organization comprising about one hundred camera clubs in New York, New Jersey and Connecticut, will hold its "Print of the Month" Competition at the Museum.

The method of procedure in the competition is as follows: The prints, mounted on 16" x 20" mats, are seen through a print box which lights the prints by concealed, balanced lighting. The three judges evaluate the prints according to subject matter, composition and technique and then each judge holds up a paddle on which is the number of points he awards a print. The total granted by the three judges is the vote the print receives. One of the judges then gives his opinion or criticism of the print. The print receiving the highest score is the print of the month and the club which has the highest point total on their four prints entered is the Club of the Month.

This is a chance for Staten Islanders to see the work of some of the best photographers in the country, both amateur and professional. The judges are selected from among the best in the country.

THE WOMAN'S AUXILIARY

The Rev. Winfield Burggraaff, minister of the Huguenot Memorial Church, S. I., will speak on items of current interest at the meeting of the Woman's Auxiliary, November 20, at 10:30 A.M. Rev. Burggraaf was born in Grand Rapids, Michigan, and was educated in this country and at the University of Amsterdam, Netherlands. A former Dutch Navy officer, he was appointed Chaplain of the Dutch Navy and assigned to the men of the Merchant Navy. He has been on Staten Island for the past ten years and is a well known speaker.

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

CALENDAR — NOVEMBER, 1946

1—Friday	— 8:00 P.M.	Art Class — Techniques and Drawing of the Figure in Life — Lesson 4
2—Saturday	— 8:30 P.M.	Section of Art — Artists' Carnival at Staten Island Day School
4—Monday	— 8:15 P.M.	S. I. Oratorio Society and Choral Techniques Class
	— 8:00 P.M.	Creative Writing — Poetry — Lesson 8
5—Tuesday	— 7:00 P.M.	Creative Writing — The Short Story — Lesson 6
	— 8:00 P.M.	Nature Study Class
	— 8:30 P.M.	Treble Ensemble
6—Wednesday	— 8:00 P.M.	Microscopical Society
8—Friday	— 8:00 P.M.	Folk Dancing Class
9—Saturday	— 9:30 A.M.	Annual All Day Hike starting from Museum
	— 2:00 P.M.	Section of Natural History — Field Trip — Meet at Lighthouse Restaurant, Richmond
11—Monday	— 8:15 P.M.	S. I. Oratorio Society and Choral Techniques Class
	— 8:00 P.M.	S. I. Philatelic Society
	— 8:00 P.M.	Creative Writing — Poetry — Lesson 9
12—Tuesday	— 7:00 P.M.	Creative Writing — The Short Story — Lesson 7
	— 8:00 P.M.	Section of Natural History — Study Group
	— 8:00 P.M.	Nature Study Class
	— 8:30 P.M.	Treble Ensemble
13—Wednesday	— 8:30 P.M.	Section of Photography — Metropolitan Camera Club Council Print of the Month Show
14—Thursday	— 7:00 P.M.	65th Anniversary Dinner at the Meurot Club
	— 8:00 P.M.	Professional Engineers
15—Friday	— 8:00 P.M.	Art Class — Techniques and Drawing of the Figure in Life — Lesson 5
17—Sunday	— 3:30 P.M.	Belles Lettres Society — At the home of Lt. Col. and Mrs. Willard M. Grimes
18—Monday	— 8:15 P.M.	S. I. Oratorio Society and Choral Techniques Class
	— 8:00 P.M.	Creative Writing — Poetry — Lesson 10
19—Tuesday	— 7:00 P.M.	Creative Writing — The Short Story — Lesson 8
	— 8:00 P.M.	Nature Study Class
	— 8:30 P.M.	Treble Ensemble
20—Wednesday	— 10:30 A.M.	Woman's Auxiliary
22—Friday	— 8:00 P.M.	Folk Dancing Class
23—Saturday	— 8:00 P.M.	Section of Natural History
25—Monday	— 8:15 P.M.	S. I. Oratorio Society and Choral Techniques Class
	— 8:00 P.M.	S. I. Philatelic Society
	— 8:00 P.M.	Creative Writing — Poetry — Lesson 11
26—Tuesday	— 7:00 P.M.	Creative Writing — The Short Story — Lesson 9
	— 8:00 P.M.	Nature Study Class
	— 8:30 P.M.	Treble Ensemble
27—Wednesday	— 8:00 P.M.	Section of Photography — Print Competition, "Fall"

The Museum will be closed Thanksgiving Day, November 28.

MUSEUM BULLETIN

VOLUME XXIX, No. 3—DECEMBER, 1946



"GONE BUT NOT FORGOTTEN"

Photograph of the Moravian Church by June Barnes,
winner of Class "B" competition for Staten Island
subjects by the Staten Island Camera Club.

OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

CHRISTMAS CONCERT

BY THE

STATEN ISLAND ORATORIO SOCIETY

MONDAY, DECEMBER 16, 1946, 8:15 P.M.

AUDITORIUM OF CURTIS HIGH SCHOOL

PROGRAM

I.

THE MESSIAH George Frederick Handel
(Advent and Christmas Portions)

II.

CHRISTMAS CAROLS

chorus, soloists, organ and instrumentalists

Tickets: Patron \$2.00, Subscriber \$1.00, tax included.

Students admitted free.

The Staten Island Oratorio Society was formed in 1943 for the purpose of giving Staten Island singers an opportunity to perform great musical masterpieces and to offer all of us an opportunity to listen to these great works in our home borough. The Society is organized as the Section of Music of the Institute and this Christmas Concert constitutes the December Institute meeting. Under the direction of John L. Bainbridge, Professor of Music at Wagner College, the chorus, with three years of training both in concerts and on the radio, has reached high musical attainment.

The Messiah, the greatest musical story of the life of Christ, has long been the world's favorite Oratorio. It was composed by Handel in 1741 and first performed at a concert given for charitable purposes at Dublin, Ireland, on April 13, 1742 with Handel conducting the performance in person. Thereafter Handel brought out the Messiah every year in London with great success. For our performance the Advent and Christmas portions will be sung so that there will be an opportunity for carol singing, some in concert form and some by the audience and chorus combined. No greater opportunity can be offered to Staten Island to enjoy the music of Christmas time than this concert.

SECTION OF PHOTOGRAPHY — MONTHLY PRINT COMPETITIONS

Michael Koledo and Thomas J. Fisher



"RICHMOND LIGHT"

Photograph by William Hunn, winner of the Class "A" competition for Staten Island subjects by the Staten Island Camera Club.

On Wednesday evening, October 23, 1946, the Section of Photography (Staten Island Camera Club) held its Monthly Print Competition in the Museum at St. George.

The competition dealt with Staten Island subjects, and a varied selection of prints was submitted. The judges for the evening were Mr. Roswell Coles, Director of the Institute; Mr. Dan Harper, Managing Editor of The Staten Island Advance; and Mrs. Coles, wife of the Director.

The Salon class "A", Pre-Salon class "B" and Beginners Class "C" were well represented, with a combined total of 45 prints.

In Class "A" a three-way tie developed for 1st to 3rd places, while a four-way tie for Honorable Mention existed. Additional viewing of the prints by the judges resulted in a decision that the print titled, "Richmond Light" by William Hunn, was awarded 1st place; 2nd and 3rd place

given to the untitled prints of Oliver C. Balmer, and Honorable Mention was given to prints submitted by Ed Hannigan and Arthur Blanc.

In Class "B" competition was close, 1st place was awarded to the print titled "Gone but not Forgotten" by Miss June Barnes. Following in order the selection was 2nd place to John Muntzner, 3rd place to Michael Koledo, and Honorable Mention to Miss Barnes and Robert Young.

In Class "C" 1st and 2nd places were won by Mrs. Fred Lahr, with 3rd place going to Miss Elsie Marforio.

On November 13 the Section was host to the Metropolitan Camera Club Print of the Month Show at which 84 prints from 21 clubs were judged. Judges were Henry Korones, president of the Manhattan Camera Club, Levon Roubian, president of the Camera Club of the Brooklyn Institute of Arts and Sciences; and Carl Sanchez, director of the Metropolitan Camera Club Council. The winning print, "A Portrait of J. Ghislain Lootens," was submitted by William Christie of the Hypo Camera Club, Manhattan. Entries by Oliver Balmer, Arthur Blanc, Michael Koledo and Miss June Barnes will be on display at Wallich's Camera Shop.

STATEN ISLAND LETTER, 1842

The following paragraphs are taken from a letter discovered in a cover cancelled at North Shore, Staten Island, on November 4, 1842, which had been purchased by Elliott Burgher. It is addressed to the Rev. Marshal H. Eames, Naugatuck and signed, "Farewell, M. D. Eames." Parts of the letter

are purely personal but the following excerpts are of great interest both because of the detailed comments on life a hundred years ago and also for the references to Dr. Samuel Elliott, Staten Island's famous eye doctor, real estate promoter and soldier of a century ago. The first paragraph is particularly recommended to those readers who are unable to purchase a new car, washing machine or television set; the second needs no comment.

"Beloved Friends,

Out of the confusion of my thoughts this lovely morning, I will endeavor to bring some order for your sakes. The last letter I sent you was when cares rested upon me that have been removed by the return of Mrs. Elliott from her journey. She returned last Sat. and now I hasten to write the decision for the future. I shall remain for the present at Staten Island -probably all winter—I wish you to send my hat, muff and cloak, and to tell me how to color with tea, or if you please to color a pair or two of old cotton hose you may do so, another pair of black hose will not come amiss, but if you have not them, I have a pair of white ones with me not too good to color and can easily get them dyed for a trifle. A few pieces of old cotton cloth will be acceptable, some of your old fashioned night-caps will save my better ones or save making.

As to money I have now about seven dollars left, where the rest is gone you will no doubt wonder as well as myself but my account book shows the minutae perhaps I will copy to fill out my letter. If you have a very good opportunity for sending cash perhaps it may be well to send a little for I am not sure but I may need a dress of some kind before spring and possibly the fashion for hats may be so entirely different this fall that I shall need a new one, but I think it not probable.

If you have abundance of room you may throw into the trunk another flannel jacket, a small sil-(ver) teaspoon, a table spoon silver, a little tin cup if you have it to spare. If my dictionary is with you I would like to have it sent, perhaps I left (it) in Albany it is a pocket edition with Denning's name in it. Perhaps by the same opportunity that you have to send I may send some caps and steel pens. I intend to make you some caps before long mother.

Now I want to appeal to your benevolence. A young man in N. Y. who has not a friend in the world is almost or quite blind and he has been a patient of Dr. Elliott's some time but does not gain rapidly because his comforts are not such as they should be to promote a cure. If he leaves the Dr. he must go to the hospital. Mr. Youmans says he would not be surprised if he should first commit suicide he suffers so much. Although it may be said that his case is not uncommon, it has excited in me a strong desire to do something for his relief, he is very destitute of course a trifle will assist him. You may say that there are societies for his relief but Mr. Youmans endeavored to obtain aid from them with no, or little success. This case has come to our knowledge, there is no doubt it is a *very urgent one*; of other cases we may be ignorant but he is a Protestant and a prospect of years of suffering with a disease from which *we* have suffered so much should excite our charities, so it seems to me. You may think "be just before you are generous" but I *do wish* you would see fit to send a few dollars; for the last few weeks, perhaps months, he has been boarding with a very poor woman who could not afford to keep him but was unwilling to turn him out doors, although she has no prospect of receiving any remuneration."

R. S. C.

ART NOTES

Jean Leason



"Quiet Pond," by Stow Wengenroth

The Section of Art announces with pleasure an exhibition of the work of one of America's best known lithographers, Stow Wengenroth, to be shown in the gallery from December 8 to January 10. Mr. Wengenroth was born in Brooklyn and received his training at the Art Students League and the Grand Central School of Art. He is a National Academician, a member of the National Institute of Arts and Letters and has received innumerable awards, among them the Gold Medal of Honor of the Audubon Artists for 1945. Examples of his work are found in all leading museums and private collections.

National Art Week was celebrated by the Section of Art with exhibitions of paintings by 22 members held in six Staten Island libraries from November 4 to 11.

At the Audubon Artists' Fifth Annual Exhibition, being shown in several New York galleries from November 25 to December 15, Percy Leason, President of our Art Section, will give two portrait demonstrations, one of the radio personality, Alma Dettinger, on December 5, and one of the actress, June Havoc, on the following day. Mrs. F. Winthrop White exhibited a painting in the Third Annual Exhibition for Members of the New York City Chapter of the American Artists' Professional League held at the Architectural League from November 4 to 15.

The second annual Artists' Carnival was held in the Staten Island Day School on Saturday, November 2 and was attended by approximately 200 enthusiastic artists and their guests. Colorful decorations, exotic costumes, games, refreshments and dancing provided continuous entertainment. The Section of Art extends its thanks to the following members who labored many hours on preparation as well as undertook the task of managing the carnival itself: Miss Myra Barnes, Mr. and Mrs. Albert Barbelle, Mr. and Mrs. Frederick Bohrer, Daniel L. Bridgman, Mrs. Muriel Mattocks Cleaves,

Roswell S. Coles, Mrs. Jacob Flatow, Mrs. Lola Landry Gerow, Hans Glinicke, Wilmer Honig, Fred Hopping, Mrs. Marjorie Kuhfahl, Miss Jean Leason, Percy Leason, Alfred McNamara, Robert Mathewson, Mr. and Mrs. Karl O. Nesslinger, Mrs. Curtis Neumann, Miss Janet Ross, Miss Narelle Smith, Mrs. Ester Dahl Tellefsen, Mrs. Joseph Von Bevern, Mrs. Carl Waechter and Mrs. Theodora Peck Wilbur.

ANTI-BIOTIC INVESTIGATION

Robert O'Connor

With the discovery by Flemming that a species of mold known as *Penicillium notatum* produced a substance that was remarkably effective against many disease-producing organisms, an entirely new era in the study of fungi and molds was introduced. Heretofore, the study of fungi and molds has largely been along the classical lines of the systematist with a deviation in the practical study of those forms pathogenic to the human body as well as to many of our food sources.

Today, however, while these latter studies still continue, emphasis has shifted to the question, "How many of the thousands of known molds will produce a substance equal to penicillin or perhaps even better?" This question is slowly being answered in hundreds of research laboratories where mycologists are surveying almost every known group of fungi and molds.

During the past summer it was my privilege to start a survey of the Myxomycetes or "Slime Molds" as they are better known. This work has not progressed far enough along as yet for a detailed report but suffice it to say that a number of these forms do produce a substance that acts much like penicillin but due to difficulties in growing these organisms under laboratory conditions sufficient yields of this anti-biotic substance have not been obtained for satisfactorily performing many necessary tests to determine its toxicity and action. Before this can be done new culture techniques will have to be worked out, techniques that will stimulate the production of these anti-biotic substances for we know that environmental factors greatly influence the amounts and types of active factors produced by a given mold.

STATEN ISLAND MICROSCOPICAL SOCIETY

Joseph F. Burke

Dr. Frank A. Strauss will speak at the meeting of December 4, 1946 on Recent Developments in Electron Microscopy. This relatively new instrument of science has become a very important tool of research especially in industrial laboratories. Some of the uses to which it is being put and an explanation of its operation will be given by Dr. Strauss.

At the meeting of November 6, 1946, Mr. George E. Ashby talked on the formation of crystals in natural volcanic glasses, illustrating his talk by examples from his own collection. Two specimens from Yellowstone Park, Wyoming, showed the more elementary forms of differentiation from plain glass, the first being a clear glass with blow holes formed by expanding gases while the mass was viscous and the second showing flow structure. Foreign volcanic glasses were shown to illustrate the beginnings of crystallization in the form of trichites. An Arizona obsidian was used to show the formation of true crystals or phenocrysts and a Utah specimen showed, in addition, where some of the crystals had corroded and refused. Again foreign volcanic glasses were shown to illustrate perlitic structure of concentric spheres. The examples were then examined under the microscope.

NEW MEMBERS

We take pleasure in welcoming the following annual members: Miss June Barnes, Mrs. Annette Bellavia, Miss Catherine Beckwith, W. S. Blanchard, Daniel Dennis, William Dubovsky, Mrs. Anne Elford, Mrs. Ezra Friedman, Tony Fusco, P. W. Gatz, Mrs. Josephine Giammella, Miss Barbara Hinrichs, Mrs. Frank W. Hugi, Mrs. August Lueckoff, W. Marheineke, Miss Mary L. Pease, Dr. Leona O. Schnell, T. L. Tanner, Mrs. Ester Dahl Tellefsen, Mrs. Helen Ustalo.

A NEW TRUSTEE

The Board of Trustees of the Institute announces with pleasure the election on October 21, 1946, of Mr. Alfred Shriver to fill the unexpired term of Mr. T. Livingstone Kennedy whose passing was noted in our October *Bulletin*.

Mr. Shriver is a native of Staten Island, a graduate of the Staten Island Academy in 1911 and of Williams College in 1915. He served as President of the Academy from 1932 to 1938 and is a former Trustee of the Staten Island Hospital and the Richmond County Country Club. During World War I, he was a lieutenant in the field artillery and in the last war served from 1940 on Selective Service Board 295. Mr. Shriver is a Vestryman of St. Mary's Church, West New Brighton and is a Trustee of Williams College. In business he served as Vice President of the Guaranty Trust Co. for ten years prior to his appointment as Vice President of Morgan, Stanley and Co. in 1936.

DECEMBER NATURAL HISTORY

The REGULAR MONTHLY FIELD TRIP will be held on Saturday, December 14, at 2:30 P.M. Those interested in joining Mr. Ellison, who will lead this trip, will meet at the corner of Victory Blvd. and Richmond Ave., Bulls Head, at the designated time. The walk will proceed through Willowbrook Park to the Boat House, thence along the trail to Rockland Ave. The walk along the bank of Corson's Brook will be taken to check on the survival of the Hawthorns.

A detailed study of the material collected on the monthly field trip will be made at the STUDY GROUP meeting Tuesday, December 17.

The PLANT CENSUS COMMITTEE will meet from 7:15 P.M. to 8:00 P.M. the same evening for specialized study of plant families.

The REGULAR EVENING MEETING of the SECTION OF NATURAL HISTORY will be held on December 28 at 8 P.M.

WOMAN'S AUXILIARY

The Countess De Murabito (Helen Hale) who is well known to Auxiliary members for her interesting talk on "The Lure of Old Bibles," given last March, will visit us again on Wednesday, December 18, to speak on "Thirteenth Century Christmas Carols." Following her talk there will be Christmas music. This meeting is being held one week earlier due to Christmas Day coming on the fourth Wednesday.

On Tuesday, December 10, the Auxiliary will hold a Sale of Aprons, White Elephants and Tea in the Gallery of the Museum from 2 to 4 P.M.

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

CALENDAR — DECEMBER, 1946

2—Monday	2:00 P.M.	Fortnightly Club — place to be announced
	8:00 P.M.	Creative Writing — Poetry — Lesson 12
	8:15 P.M.	S. I. Oratorio Society and Choral Techniques Class at Curtis High School
3—Tuesday	7:00 P.M.	Creative Writing — The Short Story — Lesson 9
	8:00 P.M.	Nature Study Class
	8:30 P.M.	Treble Ensemble
4—Wednesday	8:00 P.M.	Microscopical Society
6—Friday	8:00 P.M.	Art Class — Techniques and Drawing of the Figure in Life — Lesson 6
9—Monday	8:00 P.M.	Creative Writing — Poetry — Lesson 13
	8:00 P.M.	S. I. Philatelic Society
	8:15 P.M.	S. I. Oratorio Society and Choral Techniques Class
10—Tuesday	2:00 P.M.	Woman's Auxiliary — Sale: Aprons, White Elephants, Tea
	7:00 P.M.	Creative Writing — The Short Story — Lesson 10
	8:00 P.M.	Nature Study Class
	8:30 P.M.	Treble Ensemble
11—Wednesday	8:30 P.M.	Section of Photography
12—Thursday	8:00 P.M.	Professional Engineers
13—Friday	8:00 P.M.	Folk Dancing Class
14—Saturday	2:00 P.M.	Section of Natural History — Field Trip
15—Sunday	3:30 P.M.	Belles Lettres Society at the home of Mr. and Mrs. L. H. Hartley Smith
16—Monday	2:00 P.M.	Fortnightly Club — place to be announced
	8:00 P.M.	Creative Writing — Poetry — Lesson 14
	8:15 P.M.	S. I. Oratorio Society — Christmas Concert at Curtis High School
17—Tuesday	8:00 P.M.	Section of Natural History — Study Group
	8:00 P.M.	Nature Study Class
	8:30 P.M.	Treble Ensemble
18—Wednesday	10:30 A.M.	Woman's Auxiliary
19—Thursday	8:30 P.M.	Section of Photography
20—Friday	8:00 P.M.	Art Class — Techniques and Drawing of the Figure in Life — Lesson 7
	8:00 P.M.	Folk Dancing Class
23—Monday	8:00 P.M.	S. I. Philatelic Society
	8:00 P.M.	Creative Writing — Poetry — Lesson 15
24—Tuesday	8:30 P.M.	Treble Ensemble
25—Wednesday		Museum Closed
28—Saturday	8:00 P.M.	Section of Natural History
31—Tuesday	8:30 P.M.	Treble Ensemble

The Museum will be closed all day, Christmas, December 25.

MUSEUM BULLETIN

VOLUME XXIX, No. 4—JANUARY, 1947

"TIMBERLINE TRAILS FROM MEXICO TO THE YUKON"

by Dr. W. H. Camp

As Associate Curator of the New York Botanical Garden, Dr. Camp has visited practically every important mountain range in North America looking for specimens and beauty spots. Our second William T. Davis Memorial Lecture will consist of a beautifully illustrated account of the most interesting features of Dr. Camp's many years afield.

McKee Vocational and Technical High School

Belmont Terrace and Wall St.

Saturday, January 18, 8:15 P.M.

OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK



"Timberline Trails from Mexico to the Yukon"
Dr. W. H. Camp on Mt. Rainier, Washington

Dr. W. H. Camp

In addition to the note on the cover the following will be of interest to Dr. Camp's audience. During the war he spent a year in Haiti on an emergency program and from there went to Honduras, El Salvador, Guatemala and Mexico. Then, with a shortage of antimalarials, he was sent to Ecuador, where he spent a year more exploring for Cinchona, the bark of which yields quinine. Finding himself in one of the rather poorly botanically known areas at the end of the war, he continued for another six months collecting materials for the New York Botanical Garden, returning with over 26,000 specimen sheets of plants in addition to seed and living plants. While in Ecuador he lived with the Cholos, and for several months lived on very good terms with the Jivaros, in the Amazon lowlands, "who still practice the gentle art of head-hunting."

An article on some of Dr. Camp's experiences, "The Surucucho," is printed in the *Journal of the New York Botanical Garden*, Vol. 47, No. 554, February, 1946. A copy is in the Museum library.

THE PROCEEDINGS

Volume 10, parts 3 and 4, of the *Proceedings of the Staten Island Institute of Arts and Sciences* has just been issued and copies mailed to members. The first *Proceedings* were issued in 1883, beginning a series of written records about Staten Island which have continued through the reincorporation of the Association of Arts and Sciences and the present Institute. In this issue are articles by Mabel Abbott, Howard H. Cleaves, John Koestner, Lee A. Ellison, Percy Leason, John C. Pallister, William F. Rapp, Jr. and George B. Wilmott. A limited number of additional copies are available at the Museum.



The Steps at Lighthouse Hill, Richmond. Photograph by Warren Condit, from the annual exhibition by members of the Staten Island Camera Club.

THE ANNUAL CAMERA CLUB EXHIBITION

Warren Condit and William Fisher

The annual exhibition of the Staten Island Camera Club will open with a reception on Sunday, January 12, 1947 at 3 P.M. A program will be presented at 4:30 at which time Frank Gunnell, F.A.C.L., will show some of his outstanding moving pictures and members will display their best color slides. You are cordially invited to attend. The exhibition will close February 13.

Each member of the club is given the opportunity of exhibiting one print and the balance of the exhibition is selected by the exhibition committee. Thus, each member is assured of being represented and the people of the Island are able to enjoy a cross section of the best photographs of the year. We judge our work on a combination of qualities: composition, lighting, story, originality, subject matter and print quality.

The exhibition has been arranged by a committee consisting of Oliver C. Balmer, chairman, William Sullivan and Michael Koledo. Officers of the club are: William Hunn, president; Warren Condit, vice president; Mrs. Margaret M. Martin, secretary; Walter Herold, Treasurer and William Fisher, chairman of the executive committee.

Rotating shows of the best prints produced in the entire country are continuously on exhibit in the Museum auditorium.

The club invites anyone interested in photography to attend its meetings and become a member. Meetings are held on the second and fourth Wednesdays of each month; one meeting is devoted to a speaker and one to print competitions. On January 8, Walter Owen, a member of the Brooklyn Institute Camera Club and staff photographer of *Dance Magazine*, will demonstrate "Portrait Lighting." He will have with him a model whom members of the club may photograph. On January 22 the print competition is, "Any Subject."

FLOWERS OF OUR FIELDS, THE ROSES

I. C. G. Cooper

There is no joy without its kindred pain;
Without its thorns there is no rose that grows.
I'll bear the ache if summit I may gain;
I'll risk the thorn if I can have the rose.

The development of the Rose family reaches its peak in the genus *ROSA* which gives its name to the family. The genus is large and is well represented in the northern hemisphere but poorly on Staten Island. To one who has strolled the English country side and inhaled the fragrance of the dog rose which scrambles in profusion over the hedges bordering lane and field, the paucity of the wild rose in this area is a source of regret.

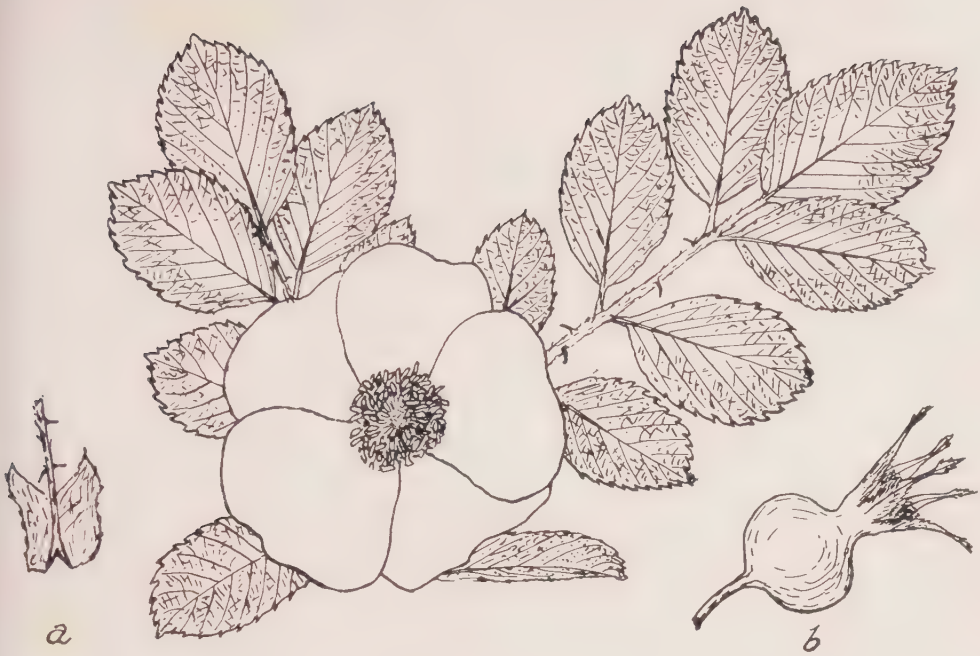
The only wild rose mentioned in the records as "occurring frequently" on the Island is the Sweetbrier. Another said to "occur occasionally" is the Low or Pasture Rose. However, the Dog Rose and the Japanese Rose together with a few specimens of other species are also recorded.

In order to distinguish the various species attention must be paid to the form of the calyx lobes, thorns or spines and prickles, the dentation of the leaves and the shape of the leafy wings (stipules) at the point of attachment of the compound leaf to the stem.

Sweetbrier (*Rosa rubiginosa*). Stems are long wands, 4 to 6 feet or more with stout prickles which bend downwards. The leaves are small, 5 to 7 leaflets, and are double toothed. Color is deep green above and lighter beneath. Leaves are covered with glandular hairs and are aromatic when crushed. Flowers are clustered along the stem with the groups of leaves, are small, vary from white to pink and have short stalks. This rose has rather narrow calyx lobes which fall away before the fruit ripens. The hips vary from $\frac{1}{2}$ " to $\frac{3}{4}$ " long and are narrower than their length. The species came to us from Europe and was probably established on the Island as an escape from old gardens.

Dog Rose (*Rosa canina*). This is another rose which came to us from Europe. It is like the preceding species in general character but distinguishable from it by the larger leaves, leaflets 1" to $1\frac{1}{2}$ " long, which are simply toothed and less covered with glandular hairs. The calyx lobes persist upon the fruit. The hip is long and has its greatest diameter near to the stem. The calyx lobes are divided into thin fingers at their tips. Flowers are few or solitary, white to pink, and delicately scented. These roses do not secrete honey but attract the insects responsible for their pollination by means of their perfume. The fruits of the Dog Rose are sweet to the taste and because of their high vitamin content rose-hip syrup is to-day given to children in partly starved Britain.

Low or Pasture Rose (*Rosa virginiana*). Described as being North American's commonest wild rose, it occurs here only in scattered dry localities. It is generally dwarf and bushy but may sometimes be found with fairly long stems. The thorns appear at the junction of the leaves with the stem and are often quite straight. There may be other scattered prickles. The



Japanese Rose
a Stipules b Fruit, Hip or Haw

leaf stipules are narrow and without serrations. The flowers are few and solitary and may be as much as 3" across. The calyx falls away from the globular fruit before it is ripe. Fruit, stem and calyx are covered with hairs which have a transparent appearance.

Japanese Rose (*Rosa rugosa*). This is a very beautiful rose which has occasionally escaped from cultivation. The Island specimens are quite puny in comparison with the massive growths which can be found along the coast from Rhode Island to Maine. Bordering the cliffs at Newport, R. I. thick hedges of this rose mixed with jasmine are a wonderful sight. Despite the unfavorable soil and weather conditions here, our plants still produce exquisite flowers. The stem is upright, stiff and covered with prickles. The leaves are a rich, shining green, dark above and paler beneath, with 7 or 9 evenly veined leaflets. The underside of the leaflets and the veins are covered with glandular hairs and there are numerous hooked spines distributed along the center rachis of the compound leaf. The stipules are broad and serrated. The flowers are large, pink and fragrant. The fruit is very attractive and reminds one of a small tomato. The five long sepals remain on the fruit.

There are other species of *Rosa* mentioned in the records of the Island flora but their localities are not known. In order that a full study of this queen of wild flowers may be made it is hoped that full reports of all known occurrences will be sent to the Museum by our readers.

LIBRARY NOTES

Mabel Abbott

Currently on exhibition on the first floor of the Museum are several old books showing maps of the world so far as it was known to our ancestors at various periods. One of these books has an especial association for the Island. It is "The School Geography," by John J. Clute. This little book was pub-

lished in 1833, and has an inscription from the author to John C. Thompson dated the same year. Mr. Thompson was the grandfather of the late William T. Davis; and Mr. Davis added another inscription: "This is the same Clute who later wrote a History of Staten Island."

Another of the books on exhibition catches the attention of first-edition lovers. It is the 1822 edition of Dr. Samuel Butler's "Antient Geography."

A pleasant side light on local history in the middle of last century has been discovered in some correspondence between Mr. Davis and August Radcliffe Grote, well-known naturalist. Grote lived on the Island as a boy, and again in the eighties. His father, Frederick Grote, was one of the early promoters of the Staten Island Railway. This railway did not begin to operate until 1860, but apparently the anticipatory talk on the Island about it stirred some of the local small boys to action; for, wrote Grote:

"The first S.I.R.R. I helped to build as a boy at Rowe's School, Clifton. We had wooden rails and a wooden car which ran a considerable distance down an inclined slope — fare 5 cents. (Ca. 1854)."

MRS. J. B. HANDLEY-GREAVES

Mrs. J. B. Handley-Greaves, for ten years President of the Woman's Auxiliary and a Trustee of the Institute died November 30, 1946 at Reno, Nevada, at the age of 80. She had been failing for some time, particularly following the death of Mr. Greaves, but was not an infrequent visitor to the Museum even in later years.

Mrs. Handley-Greaves' life was active and vigorous. As a newspaper correspondent she was the only woman on the press boat to greet Commodore Dewey from his triumph of Manila Bay in 1898. She and Mr. Greaves made the first eastbound trip on the Graf Zeppelin, "the oldest persons to have flown the Atlantic," and also made an arctic flight.

Mr. and Mrs. Greaves came to Staten Island in 1900 and since then Mrs. Greaves devoted much time to Island affairs. In addition to her long service to the Institute she organized the Great Kills Woman's Club and helped establish the Great Kills Library. She was also president of the Staten Island Garden Club, the Fortnightly Club and the Woman's Club of Staten Island.

S. I. MICROSCOPICAL SOCIETY

Joseph F. Burke

Robert O'Connor will speak at the meeting of January 8, 1947 on "The Formed Elements of the Cell." Usually we think of a cell as a nucleus surrounded by cytoplasm and all enclosed in a wall or membrane. However, there are many other elements such as mitochondria, Golgi apparatus, centrioles, etc. which are somewhat more obscure but can be demonstrated by vital staining and other staining techniques. Some of these elements will be discussed by Mr. O'Connor at our January meeting.

On January 3, 1947 Joseph F. Burke will address the New York Microscopical Society on "The Photomicrography of Diatoms."

At the Meeting of December 4, 1946 Dr. Frank A. Strauss talked on "Recent Developments in the Electron Microscope," explaining the electrical and mechanical principles upon which it works, the nature of the results obtained, particularly in resolution, contrast and depth of focus. Further, he discussed its advantages in research and some of its disadvantages and limitations. He dealt with the techniques that have been developed to extend its scope and showed by illustrations its various applications.

JANUARY NATURAL HISTORY NOTES

Robert Mathewson

At the meeting of the Section of Natural History in November, Mr. Rundlett reported that the encroachments of the Dutch Elm disease on the elm trees in the Sanctuary at New Springville will necessitate a great amount of tree felling and burning during the winter, much to the detriment of bird feeding. He also spoke favorably of a new location for a sanctuary on Park Department land near Rockland Avenue and Forest Hill Road which might be a substitute feeding ground during the winter.

During the cold, snowy winter months let us not neglect our own bird feeding stations. This is of utmost importance if we expect to encourage the continued presence of some of our native song birds. Cracked corn, stale bread, suet and "liquid" water (not ice) provided to these cheery fellows during the winter will be amply repaid.

Our REGULAR MONTHLY FIELD TRIP will visit the new sanctuary. We shall meet Saturday, January 11, at 2:30 P.M. at the corner of Richmond Road and Rockland Avenue and proceed in members' cars to the east entrance of the park for a walk through the section and Buck's Hollow.

The STUDY GROUP will meet on Tuesday, January 14, at 8 P.M., for detailed consideration of the findings of the Field Trip.

The PLANT CENSUS COMMITTEE will meet from 7:15 P.M. to 8:00 P.M. the same evening for specialized study of plant families.

The ANNUAL MEETING and election of officers will be held on Saturday, January 25, at 8 P.M. The program will consist of the playing of the Bird Song Records accompanied by slides of winter birds.

On January 25, Mr. I. C. G. Cooper will lecture at the New York Botanical Garden. His subject is "Gardens Under the Sea."

MEMBERSHIP

We welcome the following new Institute members who have joined since publication of the December Bulletin: Mr. and Mrs. Eric Adams, Vladimir Algin, Miss Bessie Blauvelt, George Braendly, Mrs. Harry Bricka, Clare H. Brown, Eric Ervast, Mrs. Lewis D. Foote, Mrs. Francis W. Jones, Mrs. Doris Lahr, Miss Elizabeth Lieblein, Miss Elsie Marforio, George Niedermair, Miss Katherine Ostrander, Mrs. Charles Stone, William D. Sullivan.

WOMAN'S AUXILIARY

At the meeting on Wednesday, January 29, two newly released colored sound films will be shown. They are "Wings Over Ireland," a travelog portraying a typical American family on a two-week vacation visit by air from the United States to the Emerald Isle; and "Wings Over Latin America," showing a trip down the east coast to Puerto Rico, Trinidad, Dutch Guiana, etc., to Rio de Janeiro, returning via the western route and Panama to Miami. Mrs. Jacob Flatow, the president, will preside.

JUNIOR STAMP CLUB

The Junior Museum Stamp Club has been meeting regularly but with inadequate leadership. However, Mr. Henry J. Murray, for many years an active member of the Staten Island Philatelic Society, has undertaken to lead this group and his presence will stimulate our young people's interest in stamps and stamp collecting. The group meets Saturdays at 10 A.M. in the Museum library. The Director and staff of the museum are grateful to Mr. Murray for his assistance.

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

CALENDAR — JANUARY, 1947

- 1—Wednesday - New Year's Day — Museum Closed
- 3—Friday - 8:00 P.M. Techniques and Drawing of the Figure in Life—
Lesson 8
- 6—Monday - 8:15 P.M. S. I. Oratorio Society
- 7—Tuesday — 8:30 P.M. Treble Ensemble
- 8—Wednesday 8:00 P.M. S. I. Microscopical Society
8:30 P.M. S. I. Camera Club
- 9—Thursday — 8:00 P.M. Professional Engineers
- 10—Friday — 8:00 P.M. Folk Dancing Class
- 11—Saturday — 2:30 P.M. Section of Natural History—Field Trip
- 12—Sunday - 3:00 P.M. S. I. Camera Club—Reception to Open Annual
Exhibition
- 13—Monday — 8:00 P.M. S. I. Philatelic Society
8:15 P.M. S. I. Oratorio Society
- 14—Tuesday — 8:00 P.M. Section of Natural History—Study Group
8:30 P.M. Treble Ensemble
- 17—Friday - 8:00 P.M. Art Class—Techniques and Drawing of the Figure
in Life—Lesson 9
- 18—Saturday 8:15 P.M. Wm. T. Davis Memorial Lecture at McKee Voca-
tional & Technical High School
- 19—Sunday - 3:30 P.M. Belles Lettres Society at the home of Mr. & Mrs.
I. Delson
- 20—Monday — 8:15 P.M. S. I. Oratorio Society
8:15 P.M. Trustees' Meeting
- 21—Tuesday — 8:30 P.M. Treble Ensemble
- 22—Wednesday — 8:30 P.M. S. I. Camera Club
- 24—Friday — 8:00 P.M. Folk Dancing Class
- 25—Saturday — 8:00 P.M. Section of Natural History
- 27—Monday - 2:00 P.M. Fortnightly Club—place to be announced
8:00 P.M. S. I. Philatelic Society
8:15 P.M. S. I. Oratorio Society
- 28—Tuesday — 8:30 P.M. Treble Ensemble
- 29—Wednesday — 10:30 A.M. Woman's Auxiliary
- 31—Friday — 8:00 P.M. Art Class—Techniques and Drawing of the Figure
in Life—Lesson 10

MUSEUM BULLETIN

VOLUME XXIX, No. 5—FEBRUARY, 1947



Photograph by E. Seehuysen, 1905

An Old-Time Photograph of the Britton Cottage,
Showing the site of the new Memorial Garden to
Dr. Nathaniel Lord Britton and Elizabeth Gertrude Britton.
See an announcement on Page 40 of this Bulletin.

OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

"KNOW YOUR HEIRLOOMS"
Illustrated Lecture by Tom Ormsbee
Saturday, February 15, at 8:15
Staten Island Day School Auditorium



Fire Place, Britton Cottage, c. 1700
Photograph by Loring McMillen

TOM ORMSBEE

One of the outstanding authorities on American antiques, Tom Ormsbee, will be the speaker at the regular Institute meeting to be held in the auditorium of the Staten Island Day School, Saturday, February 15, at 8:15 P.M. His beautifully illustrated lecture, "Know Your Heirlooms," is the result of a lifetime of study and collecting, and will appeal to all of us who own or hope to own antiques. This is, of course, a free, public program.

Mr. Ormsbee is the author of the only syndicated newspaper feature on antiques in America. In 1933 he founded the magazine, *American Collector*, and was its editor for twelve years. His books, *Collecting Antiques in America*, *The Story of American Furniture* and *Early American Furniture Makers* are authoritative and are used as reliable guides by both amateur and professional collectors. Mr. Ormsbee has been called as a consultant on Americana by many important museums and has travelled extensively in his search for prize antique specimens.

WOMAN'S AUXILIARY

Mrs. E. D. Johnstone will give an informal talk on "Staffordshire China in Home Decoration," at the meeting of the Auxiliary on Wednesday, February 26, at 10:30 A.M. and will illustrate her talk with objects from her collection. Music will be provided by Mrs. Arthur Buehler and Mrs. Harvey Perine.

CHRISTMAS BIRD CENSUS

Howard H. Cleaves

Each year a census of winter birds is taken in cooperation with the National Audubon Society. This year the date was Sunday, December 22. From daylight to dark, ten enthusiasts covered approximately 40 miles of Island by-ways on foot, and 60 by car, discovering 43 species and a total, partly estimated, of 24,471 individuals. Observers were: Carlton Beil, Howard H. Cleaves, Lee A. Ellison, Henry F. Flamm, Charles A. Pearson, Casimir Redjives, Charles B. and Mildred D. Schaughency, Miriam C. Stryker and Mathilde Weingartner.

The following is the count in detail:

Horned Grebe, 15; Greater Scaup, 7000 (est.); Goldeneye, 37; Bufflehead, 93; Oldsquaw, 61; White-winged Scoter, 2; Red-breasted Merganser, 1; Cooper's Hawk, 1; Marsh Hawk, 3; Sparrow Hawk, 7; Ring-necked Pheasant, 8; Clapper Rail, 1; Glaucous Gull, 1; Great Black-backed Gull, 12; Herring Gull, 15,353 (partly est.); Ring-billed Gull, 2; Bonaparte's Gull, 26; Mourning Dove, 3; Flicker, 6; Downy Woodpecker, 4; Horned Lark, 3; Bluejay, 14; Crow, 179; Black-capped Chickadee, 9; White-breasted Nuthatch, 2; Winter Wren, 1; Robin, 2; Bluebird, 1; Golden-crowned Kinglet, 12; Starling, 1253 (partly est.); Myrtle Warbler, 18; English Sparrow, 100; Meadowlark, 25; Rusty Blackbird, 1; Grackle, 3; Cardinal, 25; Goldfinch, 6; Slate-colored Junco, 88; Tree Sparrow, 38; Field Sparrow, 1; White-throated Sparrow, 54; Fox Sparrow, 1; Song Sparrow, 17.

THE ART GALLERY

The Annual Exhibition of the Staten Island Camera Club opened with a well attended reception on Sunday, January 12, at which time members and guests enjoyed a program by Frank Gunnell. The exhibition will continue to February 13. Exhibitors are: Frederic Adams, Oliver Balmer, Miss June Barnes, John Barracato, Miss Miriam Barton, Arthur Blanc, George Braendly, Warren Condit, Daniel Dennis, Thomas J. Fisher, Frank E. Gunnell, Ed Hannigan, William J. Hunn, Miss Rae Jones, Michael Koledo, Mrs. Doris Lahr, John Muntzner, William Sullivan, Alfons Wallich, John F. Wedel, and Robert Young.

An exhibition of oil paintings, water colors, etchings and pencil sketches by Alfred McNamara will open on Sunday, February 16, with a reception in the gallery at 3:30 P.M. Mr. McNamara, who has resumed his activities in the Section of Art after spending four years with the Army Air Forces, is well known to many members. He was born on Staten Island and four years before going into the Army served as the Secretary of the Art Association. The Section of Art is happy to welcome this versatile artist back. The exhibition will remain in the gallery until March 20.

STATEN ISLAND CAMERA CLUB

At the meeting of February 12, Charles H. Coles will speak on, "Correct Exposure." Mr. Coles was for six years chief photographer of the American Museum of Natural History and was a member of two of its expeditions, one to Peru to photograph the eclipse of the sun in 1937. During the war Mr. Coles was a Captain in the Projects Section of the Photographic Engineering branch of the Air Corps at Wright Field, working in high speed photography.

MUSEUM BULLETIN of the Staten Island Institute of Arts and Sciences, Vol. XXIX, No. 5, February, 1947. Published monthly, except June, July and August, by the Staten Island Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island, N. Y., and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912. Roswell S. Coles, Editor.

An opportunity to add your name to those who have undertaken to preserve our native plants and flowers in a Memorial Garden to Staten Island's most famous Botanists

NATIVE PLANT GARDEN FOR THE BRITTON COTTAGE

I. C. G. Cooper

How can the Britton Cottage property be made into a fitting memorial to Dr. and Mrs. Britton? This problem was studied by a special committee appointed by the Board of Trustees and the committee's report is here briefly summarized.

Dr. and Mrs. Britton are remembered as Staten Island's most famous botanists. This naturally led to consideration of a plan to develop the grounds surrounding their cottage as a Native Plant Garden. A complete plan has been suggested as depicted in the appended sketch. This envisions the combination of a lawn, pool, rock garden, swamp garden and areas for native trees, shrubs and wild flowers, a herb plot and a border of old fashioned garden flowers around the cottage.

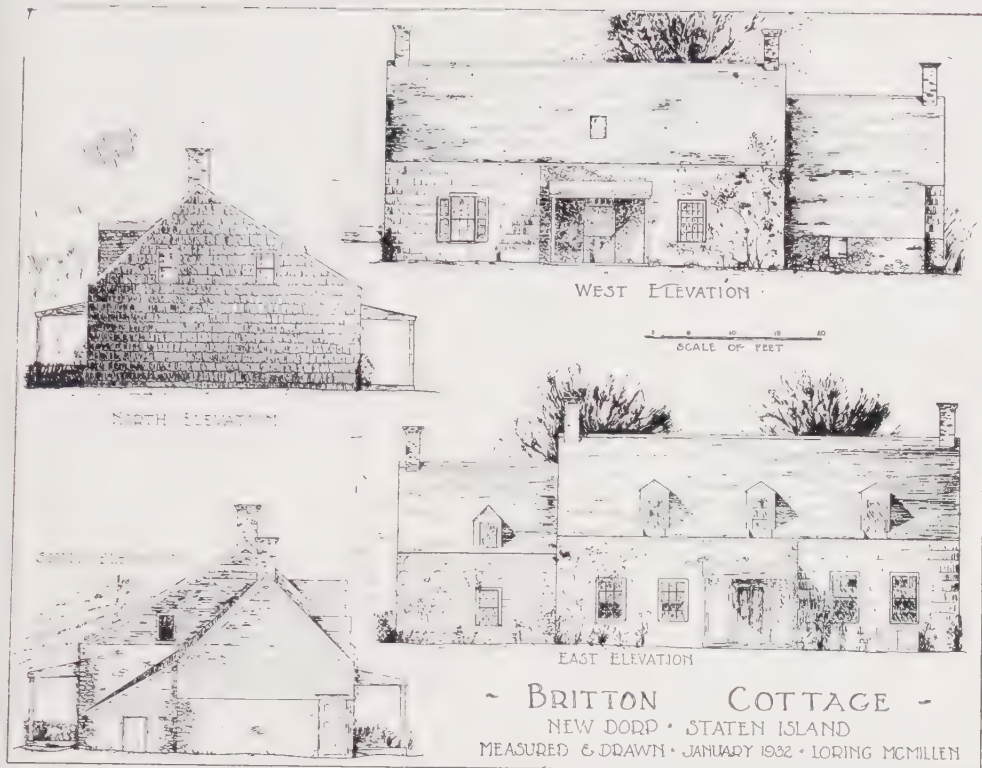
Some trees will be introduced to furnish a tall accent and shade and they will be chosen so as to contribute the proper leaf for soil conditioning. The privet hedge will remain as at present and the remainder of the fence line will be filled in with tall shrubs such as arrow wood, choke-berry, nanny-berry, spice-bush and dogwood. Between these and in front of them will be planted low willows, button-bush, huckleberry, laurel, bush honeysuckle and some of the taller perennials such as thoroughworts, asters and golden rods.

The pool, swamp and rock gardens are to be dedicated particularly to Mrs. Britton and will be naturalized as much as possible. It is proposed to mark this area with a suitable plaque in memory of Mrs. Britton.

Trails will be arranged so that access may be easy for those wishing to study plants closely. There is room for a considerable number of representatives of Staten Island wild-flower families and planting will be planned as far as possible so that each season of the year will have its appropriate blooms. An endeavor will be made to mark each clump with the proper name.

The foundation border around the cottage is allocated for a garden of old fashioned flowers and the herb garden will bring to life the more formal type of arrangement sometimes associated with homes of colonial days.

This proposal of the committee has received the endorsement of the Board of Trustees and has been well received by the Section of Natural History. Mr. Lee A. Ellison has analyzed the soil and reported on its suitability for the project and Mr. Edwin Rundlett has selected and directed the planting



STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

75 Stuyvesant Place, Staten Island 1, N. Y.

Enclosed is a check for \$ as my contribution toward the construction of a Memorial Garden to Dr. and Mrs. Nathaniel Lord Britton on the grounds of the Britton Cottage, New Dorp Lane and Cedar Grove Ave., New Dorp.

Name

Address

(Contributions made to the Staten Island Institute of Arts and Sciences are deductible in computing income tax returns to the extent provided by law.)

WHY A MEMORIAL GARDEN?

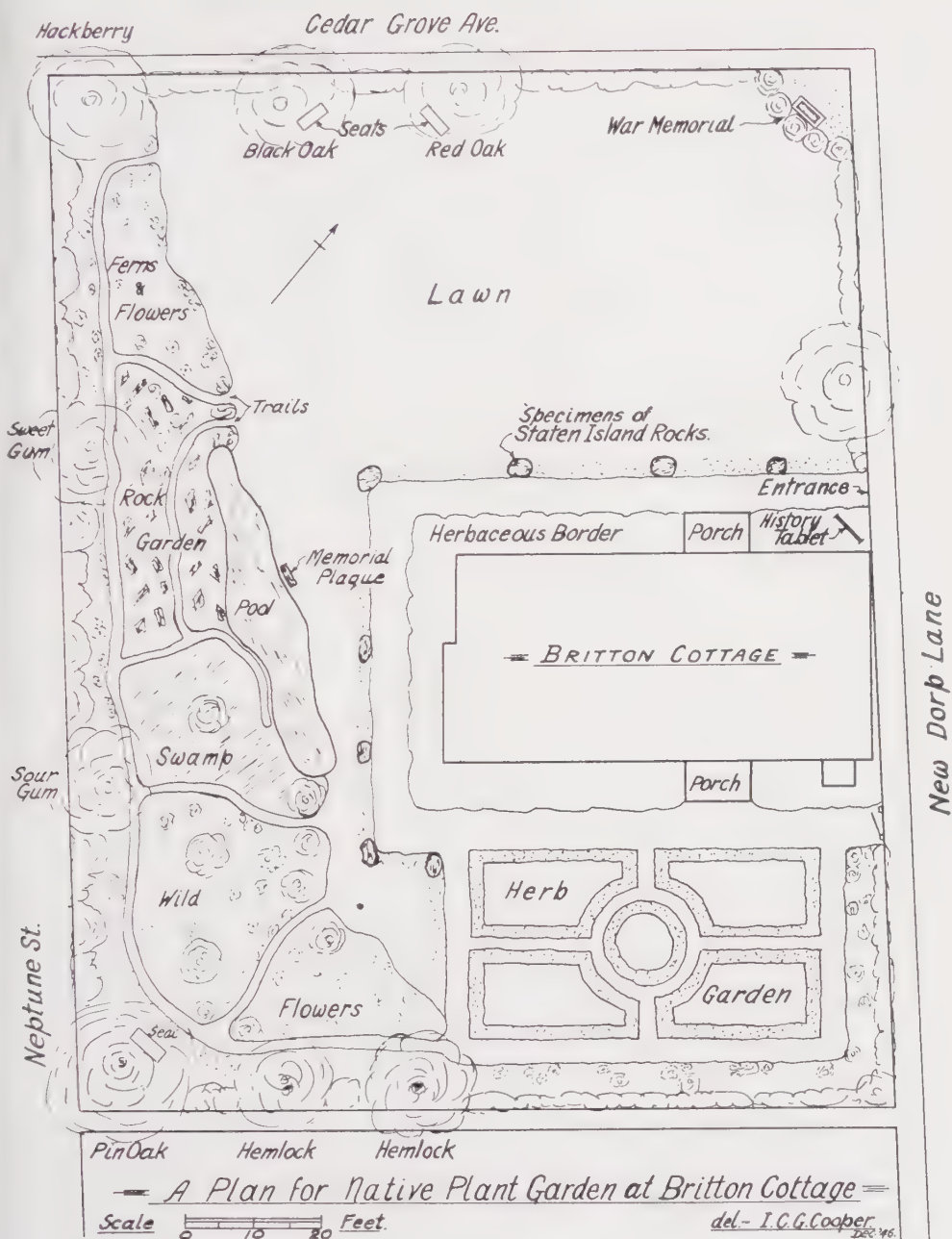
The construction of a memorial Native Plant Garden to Dr. and Mrs. Nathaniel Lord Britton on the grounds of the Britton Cottage has been undertaken by the Staten Island Institute of Arts and Sciences. It is fitting that the Institute should do this. Dr. Britton was one of the founders of the Natural Science Association in 1881, served as President from 1888 to 1891 and is the donor to the Institute of both the John J. Crooke Fund and the Nathaniel Lord Britton and Elizabeth Gertrude Britton Fund. In 1916 he gave the Britton Cottage to the Institute which has had the support of many members of the Britton family, the Daughters of the American Revolution and our own Woman's Auxiliary in maintaining and furnishing this delightful old dwelling.

But in a larger sense Dr. Britton was one of Staten Island's most distinguished men. He was a famous botanist, a brilliant student, teacher and author. He became the first Director of the New York Botanical Garden. The Britton Cottage was constructed in part about 1675 on land granted by Gov. Andros to Obadiah Holmes and deeded in 1695 to Nathaniel Britton who was probably Dr. Britton's great grandfather. Dr. Britton lived in the old house for many years and it is known that at least a part of his monumental work, *Illustrated Flora of the Northern United States and Canada*, was written there.

As planned, the garden will be not only a memorial but also a charming and unique Staten Island feature. The garden and plants will interest men and women throughout the United States in our community. For this reason we are appealing to all to support the construction of this project. A blank for your use may be found on the opposite page.



Reproduction of a Water Color Sketch Made by Adam W. Spies
about 1848-50



of the first trees. Mrs. Jacob Flatow and Mr. Loring McMillen are also serving with the writer on the committee. When the area is planted and further embellished with seats, drinking fountain and history board, and when a library of botanical reference books has been collected and housed in the cottage, Staten Island will have a fitting center for wild-flower study. The project may take three years to develop and is expected to cost about \$1,000.00.

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

1947 SPRING COURSES

The following courses will be given in the Museum during the Spring term. They are open to any adult, subject to the requirements of the individual course, and are accredited as In-Service Courses for teachers through the cooperation of the Staten Island Teachers Association and Dr. I. Victor Burger, Assistant Superintendent of Schools. Fee, \$5.00 a course except as noted below. Term begins the week of February 17. Registration should be made during the week of February 10, in person from 9 to 5, or by mail.

Choral Techniques—Mondays, 8:15—Mr. John L. Bainbridge

This course offers an opportunity to work with the Staten Island Oratorio Society in the study and performance of various types of choral music both for concert and radio broadcast, with solo work for qualified voices.

Oil Painting—Mondays, 8 P.M.—Mr. Percy Leason

Instruction in oil painting arranged to suit the capacities, interests and needs of the individual student. Fee, \$15.00

Nature Study—Tuesdays, 8:15—Roswell S. Coles and others

The spring term offers a wonderful opportunity to learn many interesting facts about the natural history of our Island,—birds, flowers, trees, rocks, and minerals, etc. Opportunities will be given for collecting and identifying materials.

Professional Fiction Writing—Wednesdays, 8:15—Miss Phyllis Whitney

A workshop course presenting the techniques of the short story (adult and juvenile) and the novel. Miss Whitney is a former instructor in fiction writing at Medill School of Journalism, Northwestern University, and is the author of several novels. She is also the winner of the \$3,500.00 Reynal & Hitchcock award for her book, "Willow Hill," which will be published this spring. This course will not be given for less than ten members. Fee, \$15.00.

History of Music—Thursdays, 8:15—Mr. George Martin

This course offers the opportunity of listening to the world's great music as interpreted by Mr. Martin at the piano. It opens with a survey of music in 1700 and progresses more or less chronologically to impressionism in Europe and America.

Techniques and Drawing of the Figure in Life—Fridays, 8 P.M.—Mr. Percy Leason

A cooperative course designed to acquaint the artist with the various techniques and media in painting from life. It presupposes an already estab-

lished ability in some artistic medium. Model fee, 50¢ each lesson in addition to class fee.

Folk Dancing—Fridays, 8 P.M.—Mr. Hinman Root

A course designed to provide the recreational values of folk dancing with instruction in dances of many nations.

Further information about these courses may be obtained by calling the Museum Gibraltar 7-1135.

STATEN ISLAND MICROSCOPICAL SOCIETY

Mr. I. C. G. Cooper will speak at the meeting of February 5, 1947 on "The Microscope in Plant Study."

At the New York Botanical Garden, 3:00 p.m., Saturday, January 25, Mr. Cooper will give an illustrated lecture, free to the public, on the "Gardens of the Sea," dealing with his well-known interest in the seaweeds.

At the meeting of January 8, 1947, Mr. Robert O'Connor gave a black-board talk on the mitochondria and Golgi apparatus which are found in the cytoplasm of cells with an outline of our constantly changing knowledge on this subject. Three of his own microscopical preparations were shown under oil-immersion on separate microscopes. The following officers were elected: President, Joseph F. Burke; Vice President, I. C. G. Cooper; Secretary, Robert J. O'Connor; Treasurer, Roswell S. Coles.

STATEN ISLAND ORATORIO SOCIETY

The annual meeting of the Staten Island Oratorio Society was held in the Museum on January 6. The following officers were elected for the coming year: President, Dr. John R. Bacher; Vice President, Mrs. Elizabeth Haertel; Librarian, Mrs. Ruth Bechtold; Secretary, Miss Louise Simmons; Treasurer, Miss Elizabeth Weingartner. A tribute was paid to Mr. Mark Kerr, retiring President, and other officers for their work during the year, particularly the successful Christmas program at Curtis High School on December 16.

A music program was arranged by Mrs. Haertel, consisting of numbers by Miss Barbara Gibson, soprano; Mrs. Charles Seesselberg, 'cello; Mr. Herman Haertel, violin and Mr. George Martin, piano.

Regular rehearsals, directed by John L. Bainbridge, are held each Monday evening at 8:15 and the Society extends an invitation to any Staten Island singer to join in the work of the coming season.

FEBRUARY NATURAL HISTORY

The FIELD TRIP on Saturday, February 8, will meet at 2:30 at the Historical Museum in Richmond. The walk will be adapted to weather conditions and an opportunity will be presented, through the courtesy of Mr. Abram Gottlieb, to tour the greenhouses of the Richmond Floral Co. and observe the culture methods used in one of the country's finest orchid collections.

The STUDY GROUP will meet Tuesday, February 11, at 8 P.M. with the PLANT CENSUS COMMITTEE work from 7:15 to 8 the same evening.

The REGULAR MEETING will be held Saturday, February 22, at 8 P.M.

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

CALENDAR — FEBRUARY, 1947

3—Monday	—	8:15 P.M.	S. I. Oratorio Society
4—Tuesday	—	8:30 P.M.	Treble Ensemble
8—Saturday	—	2:30 P.M.	Section of Natural History—Field Trip
10—Monday	—	8:00 P.M.	S. I. Philatelic Society
	—	8:15 P.M.	S. I. Oratorio Society
11—Tuesday	—	8:30 P.M.	Treble Ensemble
12—Wednesday	—	10:30 A.M.	Two performances, "Peter Pan the Magic Man,"
		2:30 P.M.	Magic Show by Park Department
		8:30 P.M.	S. I. Camera Club
13—Thursday	—	8:00 P.M.	Professional Engineers
14—Friday	—	8:00 P.M.	Art Class—Techniques and Drawing of the Figure in Life—Lesson 1
		8:00 P.M.	Folk Dancing Class—Lesson 1
15—Saturday	—	8:15 P.M.	Regular Institute Meeting and Lecture at the S. I. Day School
16—Sunday	—	3:30 P.M.	Section of Art. Reception to open Exhibition of work by Alfred McNamara
17—Monday	—	8:15 P.M.	S. I. Oratorio Society and Choral Techniques Class—Lesson 1
18—Tuesday	—	8:00 P.M.	Nature Study Class—Lesson 1
		8:30 P.M.	Treble Ensemble
19—Wednesday	—	8:00 P.M.	Professional Fiction Writing Course—Lesson 1
20—Thursday	—	8:00 P.M.	History of Music Course—Lesson 1
22—Saturday	—	8:00 P.M.	Section of Natural History
24—Monday	—	8:00 P.M.	S. I. Philatelic Society
		8:15 P.M.	S. I. Oratorio Society and Choral Techniques Class—Lesson 2
25—Tuesday	—	8:30 P.M.	Treble Ensemble
26—Wednesday	—	10:30 A.M.	Woman's Auxiliary
		8:30 P.M.	S. I. Camera Club
27—Thursday	—	8:00 P.M.	History of Music Course—Lesson 2
28—Friday	—	8:00 P.M.	Art Class—Techniques and Drawing of the Figure in Life—Lesson 2
		8:00 P.M.	Folk Dancing Class—Lesson 2

JUNIOR MUSEUM ACTIVITIES

MONDAYS—Clay Modeling—3:30 P.M.	Miss Jean Leason
TUESDAYS—Senior Science—3:30 P.M.	Mr. Robert Mathewson
WEDNESDAYS—Elementary Drawing—3:30 P.M.	Miss Leason
THURSDAYS—Oil Painting—3:30 P.M.	Miss Leason
FRIDAYS—Movies—4:00 P.M.	Mr. Mathewson
SATURDAYS—Biology Club—10:00 A.M.	Miss Nieves Ribes
—Elementary Drawing—10:00 A.M.	Miss Leason
—Stamp Club—10:00 A.M.	Mr. Henry J. Murray

MUSEUM BULLETIN

VOLUME XXIX, No. 6 — MARCH, 1947



"ACROSS THE TRACKS"

A Water Color of Eltingville, from the exhibition of work by Alfred McNamara which continues to March 20.

OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

"ADVENTURES WITH AMERICAN BIRDS AND BIG GAME"

The William T. Davis Memorial Lecture for March



Cleveland Grant and Red Fox

The third William T. Davis Memorial Lecture will be held on Saturday, March 15 at the McKee Vocational and Technical High School, Belmont Terrace and Wall St., at 8:15 P.M.

Cleveland P. Grant's colored motion pictures of our wild animals and birds are familiar to thousands of American audiences. In the past fifteen years he has given more than 4,200 motion picture lectures on a great variety of wild life from humming birds to grizzly bears, from "hatching baby Bob-white to a charging bull buffalo." When he graduated from Oberlin College he joined the staff of the then Field Museum of Natural History in Chicago. He says it was the best post-graduate course a man could have for lecturing on natural history.

In 1938 he met and married Ruth Grant, who has since then traveled with him, both on his photographing expeditions and the lecture tours. As a team, they combine a wide knowledge of the lives and habits of birds and animals together with an ability to photograph them expertly and artistically. They have designed much of their own highly specialized photographic equipment. Each year they spend from six to eight months producing a new lecture film.

MUSEUM BULLETIN of the Staten Island Institute of Arts and Sciences, Vol. XXIX, No. 6, March, 1947. Published monthly, except June, July and August, by the Staten Island Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island, N. Y. and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912. Roswell S. Coles, Editor.

IN THE ART GALLERY

Jean Leason

Alfred McNamara

The current exhibition of 47 works by Alfred McNamara, which will remain in the gallery until March 20, portrays a variety of subject matter in oils, water colors, etchings and pen and pencil. Some of the paintings are of familiar scenes of Staten Island while several etchings and water colors depict the landscapes of England and phases of English life during war time.

Material for these works was gathered while Mr. McNamara was serving as a mechanic crew chief in a Flying Fortress outfit in England. During his three year service he did poster work for the Information and Education Department of the Air Force as well as illustration for the Army Base paper of the Ninety-sixth Bomb Group.

Alfred McNamara was born in Tompkinsville and after graduating from High School he enrolled at the New York School of Applied Art where he studied under Bernard Klonas. Later he went to the Brooklyn Museum where he worked with Arthur Guptill and Werner Drewes.

His first venture into the Art world was in the commercial field, doing illustration for magazines and free lance work. He became closely associated with the old Staten Island Art Association at our Museum, exhibiting his work annually. In 1938 he became secretary of the Association and served in this capacity until he joined the Army Air Force in 1942.

Since his discharge from the Army he has taken up his life on Staten Island and is active again in the Section of Art serving as program chairman on the Executive Committee.

The oil paintings include: "39th St. Ferry Waiting Room," "Great Kills Bulkhead," "Women Undressing," "Backyards," "On the Roof," "House at Night," "Barns," "Approaching Storm," "Subway," "Flatbush Avenue," "Life Guard Shack, Annadale," "Annadale Beach," "Night—Eltingville Station."

Included among the water colors are: "South Beach in Winter," "Metcalfe House," "Below the Drive," "Peace—Norwich, 1945," "Waterfront Conversation," "Sunlight," "The Skaters," "After the Rain," "Small Talk," "Swan Street," "Beach at Daybreak," "Quick Service," "Foot of the Hill," "Road Through the Hills," "Across the Tracks," "South Dakota Landscape," "The Point," "Outskirts of Salisbury," "Cat Tails," "Red-Ball Cafe," "Arrochar Station."

Among the etchings are: "Along the London Road," "Road to Yarmouth," "Westlegate Street, Norwich," "Staten Island Ferry Scene," "Tuning Up," "Linton, England," "Attleboro, England."

Six pen and pencil drawings include: "Ferry Passengers," "The New Hat," "The Tobacconist's," "View from Cockpit," "Old Station, Eltingville," "End of a House."

Staten Island Artists' Exhibition

Two important awards are offered to artists exhibiting in the Spring Exhibition by Staten Island artists this year. Mr. Curtis E. Neumann has donated \$75.00 for a first prize and \$25.00 for a second prize for a painting in any medium. Mr. Neumann is making these awards to stimulate painting on Staten Island but has stipulated that they "shall not be given for any modernistic, futuristic or cubistic painting or picture in any medium." The Art Section is deeply grateful to Mr. Neumann for helping stimulate interest and encouraging the artists in this way.

Two works may be submitted by each artist and at least one entry will be included in the exhibition. The Executive Committee of the Section of Art will act as the Selection Committee. The awards will be made by two New York artists whose names will be announced at a later date.

Exhibition of School Art

An "Exhibition of School Art on Staten Island" will be shown in the gallery from March 22 to March 31. Entries for this exhibition must be in the Museum by March 18. There is no age limit but the work must be of High School standard. A first prize of \$10.00 and a second prize of \$5.00 is offered for the best work, which will be selected by the Executive Committee of the Section of Art.

In connection with this exhibition and in cooperation with the SCHOOL ART LEAGUE a series of four lecture demonstrations has been arranged for 10 A.M., Saturday mornings at the Museum. Any art student may attend. The lectures are:

- March 22, 1947 — "Portrait Demonstration in Oil"**
by Percy Leason
- March 29, 1947 — "Scientific Illustration"**
by Plato Taleporus
- April 19, 1947 — "Commercial Illustration"**
by Albert Barbelle
- April 26, 1947 — "How an Etching Is Made"**
by Alfred McNamara

NOTICE OF PROPOSED AMENDMENT

The Board of Trustees, at its meeting on January 21, 1947, approved a resolution to submit to the membership an amendment to Article V, section 3 of the Institute By-laws. This section now reads: "The annual meeting of the Board of Trustees shall be held on the first Saturday after the annual meeting." Since the regular meetings of the Board are held on Mondays and since the Saturday after our annual Institute meeting is always the scheduled time of other important meetings it is proposed that this section read: "The annual meeting of the Board of Trustees shall be held, at the call of the President, within ten days after the annual meeting of the Institute."

In accordance with the provisions of Article VII, this amendment is hereby submitted in writing and will be announced at the Institute meeting of March 15, 1947 and submitted for vote at the meeting of April 19, 1947.

Roswell S. Coles, Secretary

LIBRARY NOTES

Mabel Abbott

Among the books on Natural History displayed on the main floor of the Museum during March are three unpretentious volumes, *Episodes of Insect Life*, by "Acheta Domestica." These were published in Philadelphia in 1851, and are a quaint and charming mixture of science, fun, and moral reflections, profusely illustrated with tiny drawings of exquisite finish and comic genius. These drawings are unsigned, a fact which aroused in the Librarian a sense of injustice to the artist and a curiosity which demanded satisfaction. Search in the Museum library revealed that "Acheta Domestica" is the scientific name for "House Cricket;" and at the New York Public Library it was learned that this was the pseudonym of one L. M. Budgen. The Catalogue of the British Museum showed that there was also a British edition, published in 1849-51; but no copy of this was in the New York Public Library. No clue could be found to the identity of the illustrator.

At this point the search turned to personal sources. British directories seem to have been one of the casualties of the war; but in such lists of businesses and professions as could be found, a surprising number of persons by the name of Budgen appeared, in most cases with no clear address. Resort was finally had to the *British Who's Who*, and from it, at blind random, the name of Rear-Admiral Douglas Adams Budgen, R.N., The Manor Farm, Misterton, Somerset, England, was selected.

It must have been surprising to the Admiral to receive an inquiry concerning a naturalist of his name who lived a century ago, but he replied promptly and with great courtesy. "Having spent most of my life at sea," he explained, "I am afraid I am not very knowledgeable on the subject of the dim history of our family." He referred the inquiry, however, to his father, the Rev. W. Budgen, F.S.A., of Eastbourne, Sussex, who at once sent a letter of much interest.

The Rev. Budgen, still an active member of the Sussex Archaeological Society at the age of 84, was already interesting himself in the history of his family sixty years ago, and at that time had made note of an obituary in the *London Times* concerning the death, at Crickhowell, Wales, of Lydia Martha Budgen, daughter of a different branch of the family. Lydia Martha Budgen would have been forty-eight when the book was published, and her initials correspond with those of the author. This, of course, even supposing her to have been the author, shed no light on the question of the illustrator; but the Rev. Budgen has written to the National Library of Wales, also to the Royal Entomological Society, and perhaps to other sources, and hopes to have further information.

Meanwhile, we had also written to the Library of Congress, and recently received a reply which does seem to be the probable solution. In the British edition of *Episodes of Insect Life*, the frontispiece of each volume is signed: "L.M.B. del." In all likelihood, therefore, the author of this unusual work was also the artist of the delicate and ingenious drawings.

It may be said that this was a considerable amount of effort to expend on a question which was mainly one of personal curiosity and the answer to which would not make the old book more or less instructive or pleasant. But the Librarian enjoyed it; the interest and courtesy shown by the English correspondents was delightful; and the Staten Island Institute of Arts and Sciences is now in possession of a bit of information which some larger and more pretentious institutions do not have, and hopes to have still more. Research, like virtue, often is its own reward.

THE "STATEN ISLAND UNION"

We always seem to want something. This month it is some old newspapers.

The preparation of an article for the *Staten Island Historian* on the legend of Christopher Billopp and the "Bentley" (the story of the circumnavigation of the Island in twenty-three hours and fifty seven minutes to save Staten Island for New York) indicates that this legend appeared first as late as 1865. It was apparently contained in a series of articles on Staten Island history written by Gabriel P. Disosway and published in 1865 or 1866 in the newspaper, the "Staten Island Union." Since it is our most widespread and best known legend, in fact so widespread that it is often taken for fact, it would be of great interest to be able to reproduce the story in its natal form.

Unfortunately, the account is contained in none of the files of the "Union" we have been able to examine. The Staten Island Historical Society and the Long Island Historical Society each has only incomplete files, we have only a few clippings of other Disosway articles, and the New York Historical Society and the Public Library have none.

If this account can be found it will be of great interest; in fact it is extremely important. Please look in your attic or through your old papers to see if you have any copies of the "Staten Island Union". It would be most unfortunate if we have lost the original version of this widespread legend.

R.S.C.

MARCH PHOTOGRAPHIC ACTIVITIES

The Staten Island Camera Club has established a Junior Section of Photography for members from 12 to 17 years of age. Meetings will be held in the Museum each Saturday from 2 to 4 P.M. and a member of the Camera Club will be present to help. Any young people interested in photography are urged to attend.

It has been decided to hold four meetings of the Camera Club each month to extend the opportunities for creative work. The following is the schedule for this month: March 5, business meeting; March 12, studio night, lights and model will be provided and instruction given in the use of lights; March 19, general discussion of photographic kinks and short cuts; March 26, open print competition to be judged by a representative from the Manhattan Camera Club Council.

JUNIOR ORCHESTRA

On Saturday, March 8 at 10 A.M. the Junior Orchestra will have its initial rehearsal. It is being initiated and directed by John L. Bainbridge, music director of the Institute, assisted by members of the Staten Island Civic Symphony Orchestra and the Wagner College Orchestra. The project constitutes an effort to provide ensemble opportunities in the community and is designed particularly for children in grade schools. Previous instrumental training is not necessary but students must own or purchase their own instruments. Arrangements have been made to do this with the least amount of expense to the members. Cooperation of local instrument teachers is sought in this effort to stimulate orchestral music among our young people.

THE BRITTON GARDEN

The response to our request for funds to assist in the creation of the Britton Memorial Wild Plant Garden has been gratifying. We wish to thank the following for their generous support:

C. R. Britten, Tom Fisher, Mrs. A. W. Hoffmeyer, Mr. and Mrs. L. W. Hoffmeyer, Mrs. Oscar Loeffler, Miss Emilie O. Long, Mrs. Robert J. Macdonald, Robert Mathewson, Mr. and Mrs. Karl Nesslinger, Dr. A. H. Owens, Mrs. Gladys Renfield, Mrs. Alice B. Spear, Mr. and Mrs. Edwin A. Stumpp, Miss Mathilde Weingartner, Miss Adelaide White, Mrs. F. Winthrop White, Mrs. H. A. Witte, Donald D. Magruder, I. C. G. Cooper, Mrs. Hans Hinrichs, Celestino D. Berta.

If you are planning to help in this project will you please forward your contribution as soon as possible?

STATEN ISLAND MICROSCOPICAL SOCIETY

Joseph F. Burke

Mr. Peter Thein will give a talk, on Wednesday, March 5, illustrated by the use of the micro-projector, showing thin sections of different rocks ground by himself. The use of polarized light will show the rock sections in color. The title of his talk will be, "Rock Sections Studied by Polarized Light."

At the meeting of February 5, Mr. I. C. G. Cooper spoke of the changing techniques and methods in the application of the microscope to botanical studies. Revolutionary changes in methods of fixation and staining require an active acquaintance with current literature in order to keep abreast of the progress being made in this field. Mr. Robert Mathewson exhibited a series of technical photographs, lent by the Photographic Society of America, both in color and in black and white, which included the use of the microscope, the electron microscope, the coronagraph and other scientific instruments in connection with the camera. The program was accompanied by active discussion.

At the meeting of the N. Y. Microscopical Society on February 7, Mr. Robert J. O'Connor spoke on the Mycetozoa.

WOMAN'S AUXILIARY

At the meeting of March 26, 1947, Miss Elsie Kane, of George Jensen, Silversmith, will speak on "Silver" and illustrate her talk with pieces made by this famous craftsman. A musical program will be arranged.

NATURAL HISTORY FOR MARCH

Mathilde Weingartner

At the Annual Meeting of the Section of Natural History held Saturday, January 25, 1947, the following officers were elected for the coming year: President, Edwin A. Rundlett; Vice-President, Casimir Redjives; Recording Secretary, Mrs. Elwood Cole; Corresponding Secretary, Mrs. Karl Nesslinger; Field Secretary, Miss Mathilde Weingartner; Treasurer, Karl Nesslinger.

Members of the Section of Natural History who have been working on the Museum herbarium report that new herbarium sheets covering 370 species have been added during the spring, summer and fall seasons of 1946. These new sheets will form a working herbarium for general use, as the specimens in the Britton and Brown collection are of historic value. The new sheets include a great many rarities on Staten Island and more specimens of the common plants of the Island will be added during the coming season. The present specimens have been turned in by I. C. G. Cooper, Chairman of the Plant Census Committee, Lee A. Ellison, Charles Ericson, Robert Meyer, Edwin Rundlett, and Mathilde Weingartner.

The FIELD TRIP on Saturday, March 8, will meet at 2:30 P.M. at the corner of Victory Blvd., and Willowbrook Road. The group will visit the historic Christopher House and proceed through woods in the vicinity returning to Victory Blvd.

The STUDY GROUP will meet Tuesday, March 11, at 8 P.M. with the PLANT CENSUS COMMITTEE work from 7:15 to 8 the same evening.

Saturday, March 22, 8 P.M.

Mr. Carl F. Kauffeld, Curator of Reptiles at the Staten Island Zoo, will give an illustrated lecture at the regular meeting of the Section of Natural History. He will describe his experiences in southeastern Arizona while collecting rare alpine rattlesnakes and will illustrate his lecture with colored slides and live specimens.

CALENDAR — MARCH, 1947

3—Monday	— 8:00 P.M.	Oil Painting Class—Lesson 3
	— 8:15 P.M.	S. I. Oratorio Society and Choral Techniques Class—Lesson 3
4—Tuesday	— 8:30 P.M.	Treble Ensemble
5—Wednesday	— 7:30 P.M.	Professional Fiction Writing Course—Lesson 3
	— 8:00 P.M.	S. I. Microscopical Society
	— 8:30 P.M.	S. I. Camera Club
6—Thursday	— 8:00 P.M.	History of Music Course—Lesson 3
7—Friday	— 8:00 P.M.	Art Class—Techniques and Drawing of the Figure in Life—Lesson 3
8—Saturday	— 2:30 P.M.	Section of Natural History—Field Trip
10—Monday	— 8:00 P.M.	S. I. Philatelic Society
	— 8:00 P.M.	Oil Painting Class—Lesson 4
	— 8:15 P.M.	S. I. Oratorio Society and Choral Techniques Class—Lesson 4
11—Tuesday	— 8:00 P.M.	Section of Natural History—Study Group
	— 8:30 P.M.	Treble Ensemble
12—Wednesday	— 7:30 P.M.	Professional Fiction Writing Course—Lesson 4
	— 8:30 P.M.	S. I. Camera Club
13—Thursday	— 8:00 P.M.	History of Music Course—Lesson 4
	— 8:00 P.M.	Professional Engineers
14—Friday	— 8:30 P.M.	Folk Dancing
15—Saturday	— 8:15 P.M.	Wm. T. Davis Memorial Lecture at McKee Vocational and Technical High School
16—Sunday	— 3:30 P.M.	Belles Lettres Society at the home of Dr. and Mrs. E. C. McCulloch
17—Monday	— 8:00 P.M.	Oil Painting Class—Lesson 5
	— 8:15 P.M.	S. I. Oratorio Society and Choral Techniques Class—Lesson 5
18—Tuesday	— 8:30 P.M.	Treble Ensemble
19—Wednesday	— 7:30 P.M.	Professional Fiction Writing Course—Lesson 5
	— 8:30 P.M.	S. I. Camera Club
20—Thursday	— 8:00 P.M.	History of Music Course—Lesson 5
21—Friday	— 8:00 P.M.	Art Class—Techniques and Drawing of the Figure in Life—Lesson 4
22—Saturday	— 10:00 A.M.	Lecture on School Art by Percy Leason
	— 11:30 A.M.	Opening of Exhibition of School Art
	— 8:00 P.M.	Section of Natural History
24—Monday	— 8:00 P.M.	S. I. Philatelic Society
	— 8:00 P.M.	Oil Painting Class—Lesson 6
	— 8:15 P.M.	S. I. Oratorio Society and Choral Techniques Class—Lesson 6
25—Tuesday	— 8:30 P.M.	Treble Ensemble
26—Wednesday	— 10:30 A.M.	Woman's Auxiliary
	— 7:30 P.M.	Professional Fiction Writing Course—Lesson 6
	— 8:30 P.M.	S. I. Camera Club
27—Thursday	— 8:00 P.M.	History of Music Course—Lesson 6
28—Friday	— 8:30 P.M.	Folk Dancing
29—Saturday	— 10:00 A.M.	Lecture on School Art by Plato Taleporus
31—Monday	— 8:00 P.M.	Oil Painting Class—Lesson 7
	— 8:15 P.M.	S. I. Oratorio Society and Choral Techniques Class—Lesson 7

JUNIOR MUSEUM ACTIVITIES

MONDAYS—	Clay Modeling	3:30 P.M.	Miss Jean Leason
TUESDAYS	Senior Science	3:30 P.M.	Mr. Robert Mathewson
WEDNESDAYS	Elementary Drawing	3:30 P.M.	Miss Leason
THURSDAYS	Oil Painting	3:30 P.M.	Miss Leason
FRIDAYS—	Movies	4:00 P.M.	Mr. Mathewson
SATURDAYS	Biology Club	10:00 A.M.	Miss Nieves Ribes
	Elementary Drawing	10:00 A.M.	Miss Leason
	Stamp Club	10:00 A.M.	Mr. Henry J. Murray
	Junior Orchestra	10:00 A.M.	Mr. John L. Bainbridge
	Junior Photography	2 to 4 P.M.	Mr. William Hunn

MUSEUM BULLETIN

VOLUME XXIX, No. 7 — APRIL, 1947



"LEMON CREEK MEADOWS, STATEN ISLAND"

by Ely M. Behar

From the Thirteenth Annual Exhibition of Work by
Staten Island Artists.

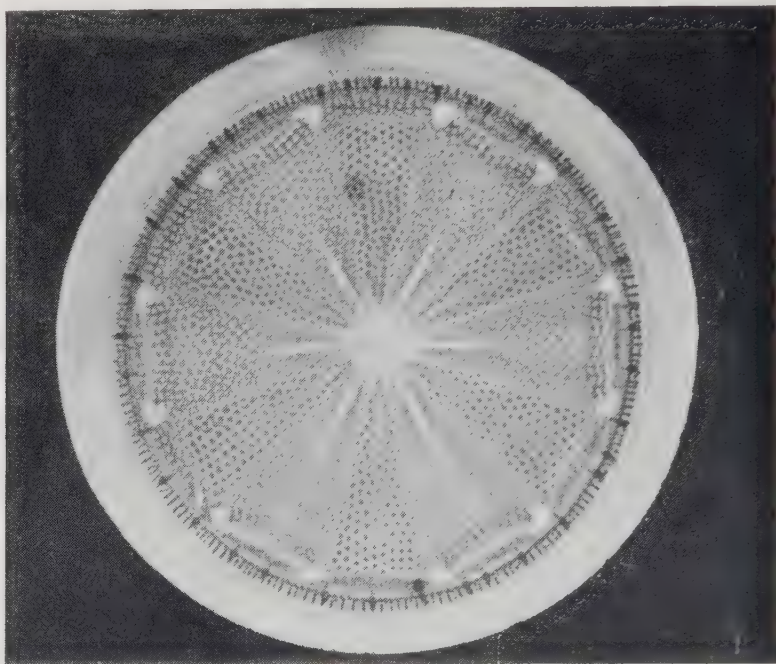
Opening Reception, Sunday, April 6, 1947, 3:30 P.M.

OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

**17th ANNUAL EXHIBITION OF MICROSCOPIC OBJECTS
SPONSORED BY THE S. I. MICROSCOPICAL SOCIETY
SATURDAY, APRIL 19, 1947 — 8 - 10 P.M.
STATEN ISLAND DAY SCHOOL
45 Wall Street, St. George**



Photomicrograph by Henry Schwartz.

THE MICROSCOPICAL SOCIETY EXHIBITION

In February, 1927, fourteen members of the New York Microscopical Society provided an exhibition for the regular Institute meeting on the night of a blinding snowstorm. From this beginning has come the Staten Island Microscopical Society which was organized in 1933 with a chief purpose of promoting an annual exhibition. This is the 17th such exhibition.

In addition to individual exhibitors, schools, colleges, hospitals, the Zoological Society and other agencies using the microscope have been invited to exhibit, thus insuring a wide variety of interesting material, obtained from many sources. This exhibition constitutes the regular Institute meeting for April.

ANNUAL DESSERT BRIDGE

The Annual Dessert Bridge will be held on Thursday, May 8, at 1:30 P.M. at the Woman's Club, 288 Richmond Terrace, St. George, donation \$1.00. Mrs. Jackson Springs, 42 Rokeby Place, is chairman of the bridge. The first fifty tables will be played at the Woman's Club and tables in excess of this number will be played at the Museum. Please make checks payable to the Woman's Auxiliary of the Staten Island Institute of Arts and Sciences and mail to the chairman of tickets, Mrs. J. H. Hanssen, 201 Demorest Ave., S. I. 2. Uniform table prizes and door prizes will be awarded. Donations for table prizes will be gratefully accepted by the chairman of prizes, Mrs. David T. Parke, 118 Hamilton Ave., St. George.

STATEN ISLAND ARTISTS

The 13th Annual Spring Exhibition by Staten Island Artists will open with a reception on Easter Sunday, April 6, and will remain in the gallery until May 7. From the 83 pictures submitted 68 were chosen by the Executive Committee of the Art Section who acted as the jury of selection for the exhibition. The pictures which are to receive the Curtis E. Neumann Awards will be chosen by two well-known New York artists and will be announced on the opening day of the exhibition.

Listed below are the pictures and the artists who have painted them:

"St. Patrick's Church," "Paula—The Artist's Wife," Albert Barbelle; "Crabapple Blossoms," Myra S. Barnes; "Springtime, New York," "Quarry Dock," Arthur Beaumont; "Mending Nets, Matinicus Island," "Winter-Clove Lake Park," Henrietta Beaumont; "Lemon Creek Meadows," "Reflections—Huguenot," Ely M. Behar; "Landscape," Bessie Blauvelt; "Miss A. S. L.," Edith Boecking; "A Good Book," Frederick Bohrer; "Early Spring Slush," "They Went This Way," F. A. Busing; "Lily Pond," Le Roy Busing; "Joanne," Mrs. Alice Canady; "The Laundress," Muriel M. Cleaves; "Cortelyou's Barn," "Angling," Aubrey Combs; "Calla Lilies," Joseph Contessa; "Major Le Roy Holbert, MD.," Ida Dudley Dale; "Winter Morning," Armen E. Darson; "Regal Lilies," Artemis Darson; "Still Life," Ethel R. Easley; "Frontera's Wharf, Gloucester, Mass.," Christian E. Everson; "Cocoa Beach, Fla.," James L. G. Fitzpatrick; "The Old French Clock," "Blacksmith Shop in Williamsburg, Va.," Lola Landry Gerow; "When Day is Done," Josephine Giammella; "Paper Flowers," "On the Segune Farm," Hans Glinicke; "Boulder 29 Dogtown," "Boat Yard," William Jackson; "Babs," "Spring Flowers," William Johnston; "Elsie's Garden," Samilla J. Heinzman; "Irises," Mrs. Marjorie Kuhfahl; "Florida and California," Isabel Leason; "Summer Bouquet," Jean Leason; "Souvenirs of the Pacific," John P. Leason; "Roses," Nancy Leason; "Gardenias," Patricia Leason; "Portrait—Michael M. Engel," Percy Leason; "Home on the Range," Winifred Macdonald; "Pansies," Louise H. Major; "Snow on Grymes Hill," "The Spencer," F. S. Marchena; "An Arrangement," Eleanor E. Marshall; "Desert Peace," Robert Mathewson; "School on the Hill," Alfred MacNamara; "Mums and Velvet," Katherine Rodriguez; "Two Roses," Mrs. Margaret K. Rue; "Stapleton Docks," "Wolfe's Pond," Libbie Segman; "Pennsylvania Farm," Violet Siemering; "Ox-eye Daisies," "The Lustre Pitcher," Isabel V. Simons; "The Little White House," Frederick Sklenar; "Still Life," Ester Dahl Tellefsen; "The Ridge—Dongan Hills," Ruth Gifford Tysen; "Winter," Helen Ustalo; "Indian Head," "Palm Trees and Clouds," Omon L. Van Dyck; "Hall of Drapers, Bruges, Belgium," David Varon; "The Big Smoke," "Water's Edge," Frederic Whitaker; "Where We Gather," Emma L. R. White; "Road's End," Theodora Peck Wilbur.

THE STARLING AT ST. GEORGE

Roswell S. Coles

Each winter, when office workers in the vicinity of St. George leave their work about dusk, flocks of hundreds of Starlings may be seen swooping into the St. George area to spend the night. Some of these find a resting place in the eaves and corners of the Court House where they hold conversations in their querulous, cackling manner, presumably gossiping about the foibles of their human cousins. Less well known is the dormitory under the viaduct and it is a commentary on the sagacity of our Starlings that they have learned to roost on the steel beams which support the roadway with all the noise of Staten Island commuting going on over their heads. They do not seem to mind continual noise.

In the December, 1946, issue of the Journal of the Elisha Mitchell Scientific Society there is a plate (#25) showing the dispersal of the Starling from the time of its introduction in New York in 1890.* By 1898 these birds had become numerous enough on Staten Island to elicit a paper on their activities, written by Mr. W. P. Heineken in the February 12, issue of the *Proceedings of the Natural Science Association*. "They first attracted my attention in November, 1891, when a flock of twenty appeared and made their home in the vicinity of Livingston Station, (West New Brighton). In December following I obtained a male in full plumage and sent it to the American Museum of Natural History for identification. I was informed that it was probably one of a flock of forty Starlings liberated by Mr. Eugene Schieffelin, in Central Park, March 1890 . . . The Starlings have increased very rapidly around New York. They have been recognized in Prospect Park, Flatbush, Spuyten Duyvil, New Rochelle, Central Park, Oyster Bay and Pelham Bay Park at which latter locality there are said to be about two hundred at the present time. In all these localities they have appeared in flocks of from ten to fifty, from which it is evident that they are with us to stay and apparently to become a constantly increasing element in our fauna . . ."

Mr. Davis always said that at least some of the original flock of Starlings came to Livingston and settled at the Edison Co. power plant, their first stop after leaving Central Park.

By 1910 Starlings had dispersed as far as Delaware on the south and through Connecticut and part of Massachusetts on the north. They have gradually increased their range until by 1938 they were found from Texas west to Nebraska and north through the Dakotas and Canada.

In 1931 Mr. Howard H. Cleaves recorded in the *Proceedings* what he believed to be the largest congregation of Starlings he had ever seen assembling at a railroad office building near Albany.

Starlings are good mimics, and good comics, too. They make rather ludicrous imitations of the songs of many birds and even in the winter they will sit on a branch of a tree and carry on lengthy conversations with any human who can whistle or imitate birds.

A good deal has been written about the economic status of Starlings. Opinion is somewhat divided, but there is agreement that they, like people, have good and bad points. Starlings are smart, adaptable birds and would be hard to control. To the naturalist the best way seems to be to let nature take its course and hope that if the birds become too numerous they will, like the English Sparrow, decline of natural causes. It is only fair to state, however, that this view may be at variance with that of superintendents of the buildings in which our winter companions have taken up their abode.

*Forbush says that there had been many unsuccessful attempts to introduce the Starling in this country and that the introductions in Central Park by Schieffelin are credited as the first to be successful. He liberated 80 birds (Chapman says 60) on March 16, 1890, and 40 more on April 25, 1891.

LIBRARY NOTES

Mabel Abbott

One of the distinguished recent accessions to the Library is a gift from Mrs. A. C. Pouch, of six manuscripts of works by her mother, the late Florence Morse Kingsley. These will be on display on the main floor of the Museum throughout April.

Mrs. Kingsley was the wife of the late Rev. Charles Rawson Kingsley, who was pastor of Immanuel Union Church from 1893 until 1933. She was one of the most prolific and successful writers of her day, with thirty-two books to her credit. The family lived at 116 Kingsley Avenue, Westerleigh. The street was originally named New York Avenue but the name was changed in honor of the beloved pastor and his famous wife.

Another accession is "The People's Almanac of Useful and Entertaining Knowledge" for 1840. The reason for its acquisition is found on page 11: "A Legend of Staten Island." The legend concerns a "Miss Lewis of New York," a naval officer called "Altamont," and "a captivating youth by the name of Maurice." Altamont and Miss Lewis were engaged, but he got into trouble and disappeared. She and Maurice then became engaged. One afternoon they were walking not far from "the commodious hotel" and "the Kills," and descended into a wooded valley. Maurice left Miss Lewis for a moment and when he returned she was gone. "The inhabitants turned out with torches," but she was not found. Two years afterward her skeleton was discovered in a hollow, covered with leaves. Altamont died "a common beggar," confessing that he had followed and stabbed her.

Has anyone heard or read of any incident on which this "legend" might have been based? The hotel could have been the old Pavilion and the valley could have been the ravine at Jersey Street. The story sounds like pure mid-nineteenth-century-almanac fiction. Had it a historical germ?

The table of current scientific publications in the Library usually fails to attract the non-scientific visitor. Most of the drab and dignified covers of the pamphlets bear titles like "Studies of the Phytosaurs *Machaeroprotopus* and *Rutiodon*," and unless they are opened with circumspection something like "a catelectrotonic surround of diminished polarization," or "dibromopropionaldehyde" is liable to jump out at you. Yet to shy off from the table entirely would be to miss some pleasant experiences.

For instance, Bulletin 191 of the United States National Museum, opened at random on arrival, yielded the following bird story:

"The titmouse is not content with picking up stray hairs, or even bunches of fur from dead animals . . . Mrs. Vitae Kite (1925) generously allowed an aggressive titmouse to help himself to some of her silvery locks. 'Without the least warning he lit squarely on top of my head. . . . At first I thought he was trying to frighten me away, but soon changed my mind when he began working and pulling at my hair with all his might. Now my hair has been very white for many years, but I still have plenty of it and was more than willing to divide with this little bird, so I steadied myself and "held fast" while that energetic "Tom" had the time of his life gathering "wool" to line his nest.'"

The Bulletin is entitled: "Life Histories of North American Jays, Crows and Titmice," by Arthur Cleveland Bent, and is of special value to ornithologists, but can be recommended, in spots, to the general reader also.

Sorry, we have only the one copy and cannot lend it. Come in and look at it here.

NATURAL HISTORY FOR APRIL

The meeting of Saturday, April 26, will be devoted to the Native Plant Garden being planned for the grounds of the Britton Cottage. Mr. I. C. G. Cooper, chairman of the Garden Committee, will speak on "Staten Island Wildflowers," with special emphasis on those to be used in the Garden, and will illustrate this talk with kodachrome slides taken by himself on Staten Island. Members of the garden clubs of Staten Island have been invited to attend this meeting.

The Field Trip on Saturday, April 12 will start at 3 P.M. from the Prince's Bay Station of the S. I. R. T., and will proceed through Wolfe's Pond Park to Hylan Boulevard and return to the station. A special feature of the trip will be the inspection of the persimmon trees at the edge of the swamp north of Hylan Boulevard.

The Study Group will be held on Tuesday, April 15, at 8 P.M., and will be preceded by work of the Plant Census Committee the same evening at 7:15 P.M.

Committees

At the February 22nd meeting of the Section of Natural History the president, Edwin Rundlett, appointed the following committee chairmen for work in specialized fields. Anyone with interests in any of these subjects is asked to get in touch with the appropriate chairman through the Museum office.

Birds, Casimir Redjives; Aquatic and Terrestrial Small Animals, Robert Mathewson; Marine Animals, Mathilde Weingartner; Moths and Butterflies, Mrs. Elwood Cole; Bacteria and Myxomycetes, Robert J. O'Connor; Trees and Shrubs, Edwin Rundlett; Wildflowers, Charles Ericson; Grasses, Sedges and Rushes, Robert Meyer; Ferns and Fern Allies, Mathilde Weingartner; Mosses, Hepatics and Lichens, Lee A. Ellison; Fungi, Mildews and Yeasts, Dr. Leona O. Schnell; Diatoms, Joseph F. Burke; Algae, I. C. G. Cooper; Horticulture and Plant Breeding, Mrs. Edgar Sleight; Geology and Fossils, Roswell S. Coles; Nature Photography, Robert Mathewson; Parks and Parkways, Lee A. Ellison; Britton Memorial Garden and Plant Census, I. C. G. Cooper; Refreshments, Mr. and Mrs. L. W. Hoffmeyer; Membership, Mrs. Joseph Von Bevern.

BRITTON MEMORIAL GARDEN

The committee in charge of the Britton Memorial Garden has asked for contributions of \$1,000.00 over a three year period to construct the garden, and needs about one-third of that amount for preliminary work this summer. So far, contributions have been received totaling \$200.00 so we still need an additional \$100.00. If you would like to support this memorial we urge you to subscribe now.

Since the publication of the *March Bulletin* we have received contributions from Arthur Britton, Charles Ericson, Clarence McK. Lewis, Mrs. Ruth Nauss, Robert D. Spear, Dr. Frank A. Strauss, Mrs. Joseph Von Bevern, Miss Margaret B. Walthall, receipt of which is hereby gratefully acknowledged.

APRIL MEETINGS FOR THE CAMERA CLUB

June Barnes

With Spring just around the corner the Staten Island Camera Club has been buzzing like a bee with a full schedule of activities planned for its members this month.

As usual the first meeting will consist of a business session which covers all the business transactions of the club, including the choice of speakers for future meetings, topics, new members, and changes in activities, etc. This meeting is open to all members interested in the actual mechanics of this organization.

The second meeting which is one of the most important meetings is our "Guest Night." Mr. Ford Bancroft, of Willoughby's Camera Shop at 32nd Street, New York, will give a lecture on filters and their use.

"Open Forum night" (third meeting) is to be an informal session, a night when photographers can sit down and just talk photography. The topic may be anything from a news session to a debate; or camera vs. camera.

Our fourth gathering is a challenge to every photographer in the club to show his ability, skill, and artistic talent in competing in the monthly competition.

In order to enjoy the full benefits of the club all members are urged to attend as many meetings as they possibly can, and to bring along friends interested in photography.

STATEN ISLAND MICROSCOPICAL SOCIETY

Joseph F. Burke

A discussion meeting will be held on Wednesday, April 2, based on topics introduced by Mr. I. C. G. Cooper, Mr. Robert J. O'Connor, Mr. Joseph F. Burke, and Mr. Lee A. Ellison. This program is a further development of the spontaneous discussions that have arisen at almost every meeting.

The Annual Exhibition will take place on April 19 as noted elsewhere in this issue of the Museum Bulletin.

A very colorful projection of thin rock sections accompanied the talk by Mr. Peter Thein at the meeting of March 5. The micro-projector was set up for polarized light and displayed to good advantage the fine work Mr. Thein has done in preparing his rock and mineral slides.

A committee was appointed to work out a program of demonstrations of microscopical techniques and related subjects. These demonstrations will take place on regular meeting nights at 7.00 p.m., one hour in advance of the regular meeting. The committee consists of Mr. Robert J. O'Connor, and Mr. I. C. G. Cooper.

WOMAN'S AUXILIARY

On Wednesday, April 30, Mrs. Margaret Ann Devlin will speak on "Wall Papers and Home Decorations." Mrs. Devlin has had many years experience as a buyer for wall papers and is an advisor on re-decorating. Her talk will be illustrated by samples. Miss Myrte van Pelt, former student at the Juilliard School of Music and librarian in Tottenville, will sing several numbers accompanied by Mrs. Andrew Grier.

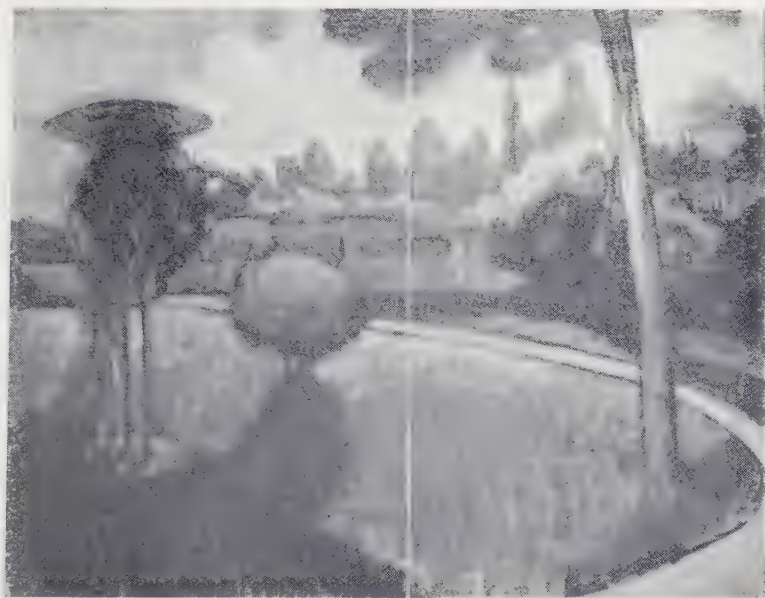
CALENDAR — APRIL, 1947

1—Tuesday	—	8:30 P.M.	Treble Ensemble
2—Wednesday	—	7:30 P.M.	Professional Fiction Writing—Lesson 7
	—	8:00 P.M.	S. I. Microscopical Society
	—	8:30 P.M.	S. I. Camera Club
3—Thursday	—	8:00 P.M.	History of Music—Lesson 7
4—Friday	—	8:00 P.M.	Techniques of Drawing of the Figure in Life —Lesson 5
6—Sunday	—	3:30 P.M.	Section of Art, 13th Annual Exhibition by Staten Island Artists—Opening Reception
7—Monday	—	8:00 P.M.	Oil Painting—Lesson 8
	—	8:15 P.M.	S. I. Oratorio Society and Choral Techniques —Lesson 8
8—Tuesday	—	8:00 P.M.	Nature Study
	—	8:30 P.M.	Treble Ensemble
9—Wednesday	—	7:30 P.M.	Professional Fiction Writing—Lesson 8
	—	8:30 P.M.	S. I. Camera Club
10—Thursday	—	8:00 P.M.	History of Music—Lesson 8
	—	8:00 P.M.	Professional Engineers
11—Friday	—	8:30 P.M.	Folk Dancing
12—Saturday	—	3:00 P.M.	Section of Natural History—Field Trip
14—Monday	—	8:00 P.M.	S. I. Philatelic Society
	—	8:00 P.M.	Oil Painting—Lesson 9
	—	8:15 P.M.	S. I. Oratorio Society and Choral Techniques —Lesson 9
15—Tuesday	—	8:00 P.M.	Section of Natural History—Study Group
	—	8:30 P.M.	Treble Ensemble
16—Wednesday	—	7:30 P.M.	Professional Fiction Writing—Lesson 9
	—	8:30 P.M.	S. I. Camera Club
17—Thursday	—	8:00 P.M.	History of Music—Lesson 9
18—Friday	—	8:00 P.M.	Techniques and Drawing of the Figure in Life —Lesson 6
19—Saturday	—	10:00 A.M.	Lecture on School Art by Albert Barbelle
	—	8:15 P.M.	Institute Meeting—17th Annual Exhibition of the S. I. Microscopical Society at the S. I. Day School
21—Monday	—	8:00 P.M.	Oil Painting—Lesson 10
	—	8:00 P.M.	Trustees' Meeting
	—	8:00 P.M.	S. I. Oratorio Society and Choral Techniques —Lesson 10
22—Tuesday	—	8:30 P.M.	Treble Ensemble
23—Wednesday	—	7:30 P.M.	Professional Fiction Writing—Lesson 10
	—	8:30 P.M.	S. I. Camera Club
24—Thursday	—	7:15 P.M.	Belles Lettres Society—Annual Dinner at Marconi's
	—	8:00 P.M.	History of Music—Lesson 10
25—Friday	—	8:30 P.M.	Folk Dancing Party
26—Saturday	—	10:00 A.M.	Lecture on School Art by Alfred McNamara
	—	8:00 P.M.	Section of Natural History
28—Monday	—	8:00 P.M.	S. I. Philatelic Society
	—	8:15 P.M.	S. I. Oratorio Society and Choral Techniques —Lesson 11
29—Tuesday	—	8:30 P.M.	Treble Ensemble
30—Wednesday	—	10:30 A.M.	Woman's Auxiliary
	—	7:30 P.M.	Professional Fiction Writing—Lesson 11

MONDAYS	—Clay Modeling—3:30 P.M.	Miss Jean Leason
TUESDAYS	—Senior Science—3:30 P.M.	Mr. Robert Mathewson
WEDNESDAYS	—Elementary Drawing—3:30 P.M.	Miss Leason
THURSDAYS	—Oil Painting—3:30 P.M.	Miss Leason
FRIDAYS	—Movies—4:00 P.M.	Mr. Mathewson
SATURDAYS	—Biology Club—10:00 A.M.	Miss Nieves Ribes
	—Elementary Drawing—10:00 A.M.	Miss Leason
	—Stamp Club—10:00 A.M.	Mr. Henry J. Murray
	—Junior Orchestra—10:00 A.M.	Mr. John L. Bainbridge
	—Junior Photography—2 to 4 P.M.	Mr. William Hunn

MUSEUM BULLETIN

VOLUME XXIX, No. 8 — MAY, 1947



"BROOKLYN GARDEN"

Oil painting by Thorbjörg Röslad, from the Exhibition by
the Norwegian Art and Craft Club, May 17-June 15, 1947.

OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

Sixty-Fifth Annual Institute Meeting

MAY 24, 1947 — 8:15 P. M.

McKee Vocational and Technical High School



HOWARD H. CLEAVES

presents his new wild-life color film

"ANIMALS UNAWARE"

Emerging from years of night-time stalking of animals, Mr. Cleaves now takes to the daylight and his new picture shows that he can photograph animals as ably by day as by night. Including scenes from New Brunswick, Canada, to the wild fowl refuge at Lake Mattamuskeet, North Carolina, the lecture will provide unusual entertainment. This is the final William T. Davis lecture of the season.

MUSEUM BULLETIN of the Staten Island Institute of Arts and Sciences, Vol. XXIX, No. 8, May, 1947. Published monthly, except June, July and August, by the Staten Island Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island, N. Y. and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912. Roswell S. Coles, Editor.

Spring Concert

by the

STATEN ISLAND ORATORIO SOCIETY

and the

WAGNER COLLEGE CHOIR

MR. GEORGE MARTIN, SOLOIST

Monday, May 19, 1947 — 8:15 P.M.

Feldman Hall, Curtis High School

The program will include choral numbers, Part I of "The Creation" by Haydn and piano solos by Mr. Martin.

Tickets may be obtained at Wagner College and the Museum and from members of the choruses.

Subscription	\$1.00	tax included
Patron	\$2.00	tax included

WOMAN'S AUXILIARY

Annual Dessert Bridge

The Annual Dessert Bridge will be held on Thursday, May 8, at 1:30 P.M. at the Woman's Club, 288 Richmond Terrace, St. George. This is our only appeal to members and friends and we hope you will make up a table and enjoy the afternoon with us. The proceeds of this bridge will be turned over to the Institute to further its splendid work.

Annual Meeting

The Annual Meeting and Election of Officers will be held on Wednesday, May 28, at 10:30 A.M. All members are urged to attend to hear reports of the year's activities and to cast their ballot. A sound, color film, "Land of the Maharajahs," will be shown.

ELECTION NOTICE

The terms of seven elective Trustees of the Institute expire in May, 1947. These are: Andrew M. Anderson, Viola M. Carew, Edward G. Baker, Mildred S. Grimes, Edward L. Love, Edward M. Stothers, Daniel L. Bridgman.

Their successors will be elected at the Annual Meeting of the Institute, May 24, 1947. In accordance with the by-laws, a nominating committee consisting of Joseph F. Burke, Chairman, Lee A. Ellison, Edwin A. Rundlett,

Charles Ericson and Karl Nesslinger was announced by the President at the Institute Meeting on April 19. This committee will submit for election by ballot at the Annual Meeting names of candidates selected by them and any other nominations made by any ten members of the Institute and transmitted to the committee not less than five days prior to the Annual Meeting.

INSTITUTE COUNCIL MEETING

The regular meeting of the Institute Council will be held in the Museum on Friday, May 16, 1947, at 8:15 P.M. for the purposes of electing officers, discussing Institute programs for the coming season and making plans for publication of annual reports.

ANNUAL MEETING OF THE BOARD OF TRUSTEES

The annual meeting of the Board of Trustees of the Institute will be held in the Museum on Monday, May 26, at 8 P.M. At this meeting, election of officers will be held, reports presented and the budget for 1947-48 approved.

BRITTON MEMORIAL GARDEN

Plant Sale

A Plant Sale for the benefit of the Britton Wildflower Garden will be held in the Institute on Monday, May 5, from 1 to 4 P.M. The Committee, consisting of Mrs. Jacob Flatow, chairman, Mrs. Stephen Botsford, Mrs. John Dicke, Mrs. Edgar Sleight, Edwin Rundlett and Mrs. Karl Nesslinger, has made arrangements for a very interesting and profitable afternoon for those garden lovers who have surplus material and who want to add to their collection of interesting plants. The Committee is being assisted by the Woman's Auxiliary and the Staten Island District Federated Garden Clubs. Donations of seeds, plants and shrubs will be received in the Museum on May 5th between 10 and 12 noon. A garden white elephant table is also planned and tea and cake will be served at a tea tax of 25c.

Donors

We are grateful to the following members and friends of the Institute for their generous support of the Britton Garden: Dr. James P. Chapin, Miss Ada Clarke, Mrs. Rose Fleischer, Dr. Ralph W. Nauss, Miss Amy Schüssler, Miss Clara Schüssler, Ernest Shoemaker, John Frederick Smith, Mrs. Oscar Sperrle, Westerleigh Garden Club.

NORWEGIAN ARTS AND CRAFTS

An exhibition by the Norwegian Art and Craft Club of Brooklyn will open in the gallery on Norwegian Constitution Day, Saturday, May 17, at 2:30 P.M. Institute members and friends will recall the very successful exhibition held by this group in our gallery in May 1942.

An interesting program of speeches and music has been arranged for the opening.

Paintings by this group show a definite, modern trend and in many instances show the influence of the Norwegian style.

Most of the crafts have been executed by members of the club and include embroidery, weavings, ceramics, painted wooden ware, dolls and woodcarving. In addition to these, silverware by David Andersen, Norway's most exclusive silversmith, and a violin signed by Gunnar M. A. Røstad, the great Norwegian violinmaker, will be on display.

13th Annual Exhibition by Staten Island Artists

William Jackson of 10 Castleton Park, New Brighton, won the first prize of \$75.00 awarded by Curtis E. Neumann at the opening of the Spring exhibition on Sunday afternoon, April 6, 1947. Mr. Jackson, a naval architect, was born in Scotland and has resided on the Island twenty-five years. He joined the Section of Art four years ago and has exhibited regularly in the annual shows. Except for four years' training at the Art Students' League, Mr. Jackson is self-taught. Much of his work has been done along the Coast of New England where the setting of his prize-winning picture, "Boat Yard," is laid.

The second prize winner was Miss Libbie Segman of 5275 Arthur Kill Road, Tottenville, whose watercolor "Stapleton Docks," was awarded \$25.00. Miss Segman has been a member of the Art Section seven years and has exhibited in our shows regularly. She is a graduate of the Parsons School of Fine and Applied Art and has exhibited at the American Watercolor Society and at the Schaefer Galleries.

LIBRARY NOTE

On display on the main floor through May will be an exhibit of books, letters and pictures of George William Curtis, for many years Staten Island's most distinguished resident. It will be seen that the Museum has a good start toward a collection of Curtisiana which it is hoped may grow to important proportions.

MEMBERSHIP

We welcome the following new Institute members: Irving Banner, Miss Adelaide Bergfield, Theodore Christianson, Miss Ada Clarke, Mrs. Elwood Cole, Aubrey Combs, Miss Ida Dudley Dale, Miss Marguerite Ferguson, Mrs. John Major, Miss Margaret E. Monroe, Casimir Redjives, Mrs. Katherine Rodriguez, Mrs. Edwin Rundlett, Mrs. A. J. Torrey.

We record with regret the passing of Mr. Harry Kuhn on April 6, 1947, at the age of 81. Mr. Kuhn had long been associated with various activities of the Institute, particularly the Belles Lettres Society of which he had been president and treasurer, the Bird Club, and the Nature Club. Also active in the Staten Island Historical Society, he served many years as treasurer and as a member of the Board of Directors.

STATEN ISLAND CAMERA CLUB

June Barnes

All "photographic" eyes are turned toward the Fabian Trophy and Keys which will be awarded at the dinner in June. May is the final month in which to compete for these annual prizes. In class "A" Arthur Blanc is the "Commando Leader" with Thomas Fisher, Warren Condit, Oliver Balmer and William Hunn contesting for second and third places. There is a close race in class "B" among William Sullivan, Robert Young, Alfons Wallich and Michael Koledo. Doris Lahr is in first position for class "C" with Mrs. Frank Gunnell and Elsie Marforio close seconds.

Mr. George Horn of the Miniature Camera Club, a well known pictorialist, will be our judge in the May print competition. We anticipate an interesting talk by Roy Pinney, noted baby photographer and naturalist, on May 14.

NATURAL HISTORY FOR MAY

Edwin A. Rundlett

Spring Bird Walks

The time has come again for the annual bird migration and Casimir Redjives, Chairman of the Bird Committee of the Section of Natural History, announces the following special Early Morning Bird Walks for this month:

May 4—8 A.M. Richmond Road and Rockland Ave., Egbertville

May 11—8 A.M. Main entrance of Barrett Park for a walk through the Park to Clove Lakes

May 18—8 A.M. Todt Hill Road and Richmond Road

Regular Field Trip

The Regular Monthly Field Trip on May 10 has been planned as a special treat and will be in the form of an All-Day Trip to the Bronx Botanical Garden to study the famous rock garden and the Britton Memorial Wildflower Garden. Those participating should take a box lunch and meet at noon in the Members' Room of the Botanical Museum. In case of rain the Bronx Park Conservatories will be inspected. Traveling time from St. George is two hours.

Indoor Meetings

The Herbarium Committee (formerly Plant Census Committee) will meet on Tuesday, May 13, at 7:15 P.M. and their meeting will be followed by the general Study Meeting of the Section of Natural History at 8 P.M.

The Regular Monthly Meeting will be held on Saturday, May 17, at 8 P.M. This has been brought forward to the third Saturday of the month as the annual Institute meeting is on the fourth Saturday this month. Dr. Leona O. Schnell, Botanist at the Research Laboratory of the U. S. Marine Hospital, will give a lecture-demonstration of the "Techniques of Plant Breeding." She will discuss the possibilities of altering the chromosome number in plants as a means of developing new varieties, and will show us with living plants and simple tools how we can originate new species in our own gardens. This is a new field of activity for the Section; one that offers interesting possibilities.

FROGS AND SPRINGTIME

Robert Mathewson

The naturalist enjoys many signs of spring: the first robin, early blooming coltsfoot and the melodious song sparrow are familiar to all. But none,

perhaps, is so heartening as the first chorus of frogs, for by the time the sun has penetrated the depths of the ponds and marshes the probabilities of a prolonged cold snap have passed.

Here on Staten Island we naturalists are fortunate in having two obstreperous species, the spring peeper and the wood frog, which make their presence known early. As the season advances other species join these hardy "town criers": the green, pickerel, leopard, bull and tree frogs, to add their voices to the penetrating chorus and further confirm the fact that the time for field trips has arrived.

To those hardy persons who seek to study these "harbingers of spring" the writer makes the following suggestions. First, patience is a prime requisite and if a good flashlight accompanies this virtue any after-dark field trip to a pond or marsh should provide an interesting and entertaining evening. The fact that most species seek sheltered bodies of water, ranging from one to two feet in depth, as a place to hold forth with their love call is reason enough for the human observer to include boots in his equipment. Mud and sudden holes sometimes inconvenience the boot shod naturalist so it is far better to go forth with an old pair of sneakers and the determination to wade. Holes drilled near the soles will provide rapid drainage and help prevent the "schlurp, schlurp" that accompanies a water laden shoe.

Nothing tries the patience more than to hear sounds issuing from a nearby spot and not to be able to locate the source. This is often the frog hunter's plight for protective coloration and overhanging grass and shrubs tax the efforts of the hunter in locating his quarry. The reward, however, comes with the eventual focusing of his light upon one of these miniature "Romeos," sitting, apparently oblivious to the light, at the edge of a clump of earth or clinging to a partially submerged blade of swamp grass. It is then that the astounding discovery is made that the great volume of sound is caused by mere thimblefuls of air. The rapid passing of air over the vocal apparatus in the throat from the distended chin sac to the lungs and back again, constitutes the frog's voice mechanism.

STATEN ISLAND MICROSCOPICAL SOCIETY

Joseph F. Burke

On Wednesday, May 7, the last meeting of the season, Mr. Robert J. O'Connor will discuss, "Some recent advances in our knowledge of the molds." Mr. Burke will report briefly on diatoms collected for him by Mr. A. G. Dreisbach on a trip in March to Puget Sound and Great Salt Lake.

The Annual Exhibition was held on April 19 at the Staten Island Day School. Members of the Society and guests from the New York Microscopical Society exhibited and were joined by the schools and colleges of Staten Island that use the microscope in their science courses. Also participating were the junior biologists connected with the Museum.

The meeting of April 2 was the occasion of a visit from members of the Board of Managers of the New York Microscopical Society interested in observing our form of meeting. Mr. Ilsley Boone, president; Mr. James V. Lawrence, past-president; Mr. Paul Rittenhouse, past-president; Mr. Ernest S. Jaros, vice-president, and Mr. Irving Banner, curator, came and took an active part in the program including the discussions initiated by Robert J. O'Connor on cell meiosis and by Joseph F. Burke on diatoms developing in cultures without shells as reported by Dr. N. Ingram Hendey, in England.

CALENDAR — MAY, 1947

1—Thursday	— 8:00 P.M.	History of Music—Lesson 11
2—Friday	— 8:00 P.M.	Techniques and Drawing of the Figure in Life —Lesson 7
4—Sunday	— 8:00 A.M.	Early Morning Bird Walk—Rockland Avenue at Richmond Road
5—Monday	— 1:30 P.M.	Plant Sale
	— 8:15 P.M.	S. I. Oratorio Society, Rehearsal— Curtis High School
6—Tuesday	— 8:30 P.M.	Treble Ensemble
7—Wednesday	— 7:30 P.M.	Professional Fiction Writing—Lesson 11
	— 8:00 P.M.	S. I. Microscopical Society
	— 8:30 P.M.	S. I. Camera Club
8—Thursday	— 1:30 P.M.	Woman's Auxiliary Dessert Bridge—Woman's Club 288 Richmond Terrace
	— 8:00 P.M.	History of Music—Lesson 12
	— 8:00 P.M.	Professional Engineers
10—Saturday	— 12 Noon	Section of Natural History, Field Trip—New York Botanical Garden
11—Sunday	— 8:00 A.M.	Early Morning Bird Walk—Barrett Park
12—Monday	— 8:00 P.M.	S. I. Philatelic Society
	— 8:15 P.M.	S. I. Oratorio Society, Rehearsal— Curtis High School
13—Tuesday	— 8:00 P.M.	Nature Study
	— 8:30 P.M.	Treble Ensemble
14—Wednesday	— 7:30 P.M.	Professional Fiction Writing—Lesson 12
	— 8:30 P.M.	S. I. Camera Club
15—Thursday	— 8:00 P.M.	History of Music—Lesson 13
16—Friday	— 8:00 P.M.	Institute Council
	— 8:00 P.M.	Techniques and Drawing of the Figure in Life —Lesson 8
17—Saturday	— 2:30 P.M.	Section of Art, Exhibition by Norwegian Art and Craft Club
	— 8:00 P.M.	Section of Natural History
18—Sunday	— 8:00 A.M.	Early Morning Bird Walk—Richmond Road and Todd Hill Road
	— 3:30 P.M.	Belles Lettres Society—Home of Mr. & Mrs. Walter Kuhn
19—Monday	— 8:15 P.M.	S. I. Oratorio Society, Spring Concert— Curtis High School
20—Tuesday	— 8:30 P.M.	Treble Ensemble
21—Wednesday	— 7:30 P.M.	Professional Fiction Writing—Lesson 13
	— 8:30 P.M.	S. I. Camera Club
22—Thursday	— 8:00 P.M.	History of Music—Lesson 14
24—Saturday	— 8:15 P.M.	Annual Institute Meeting—McKee High School
26—Monday	— 8:00 P.M.	Trustees' Meeting
	— 8:00 P.M.	S. I. Philatelic Society
27—Tuesday	— 8:30 P.M.	Treble Ensemble
28—Wednesday	— 10:30 A.M.	Woman's Auxiliary
	— 7:30 P.M.	Professional Fiction Writing—Lesson 14
	— 8:30 P.M.	S. I. Camera Club
29—Thursday	— 8:00 P.M.	History of Music—Lesson 15

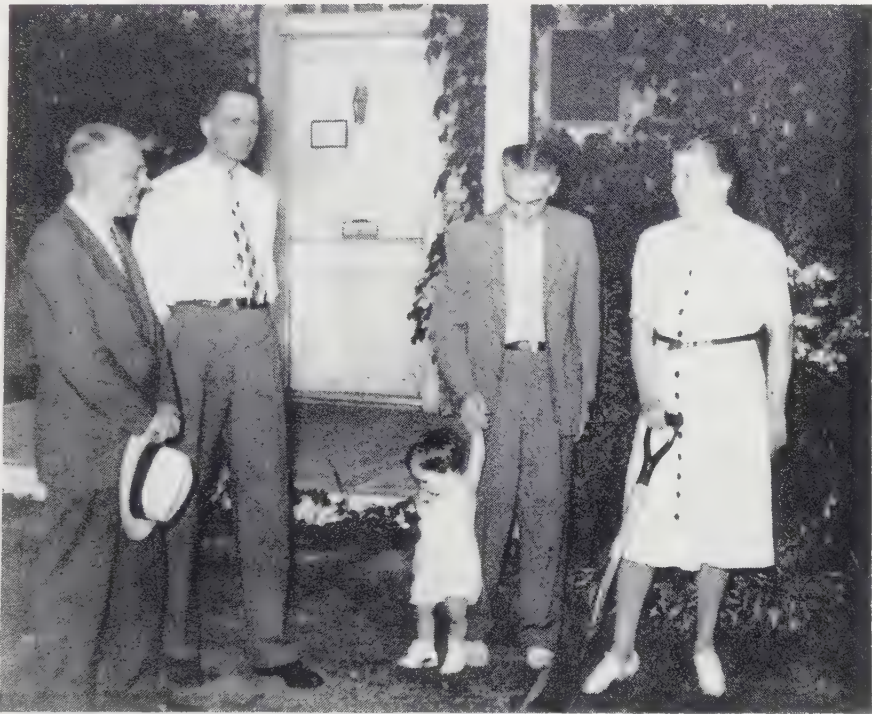
JUNIOR MUSEUM ACTIVITIES

MONDAYS—Clay Modeling—3:30 P.M.	Miss Jean Leason
TUESDAYS—Senior Science—3:30 P.M.	Mr. Robert Mathewson
WEDNESDAYS—Elementary Drawing—3:30 P.M.	Miss Leason
THURSDAYS—Oil Painting—3:30 P.M.	Miss Leason
FRIDAYS—Movies—4:00 P.M.	Mr. Mathewson
SATURDAYS—Biology Club—10:00 A.M.	Miss Nieves Ribes
—Elementary Drawing—10:00 A.M.	Miss Leason
—Stamp Club—10:00 A.M.	Mr. Henry J. Murray
—Junior Orchestra—10:00 A.M.	Mr. John L. Bainbridge
—Junior Photography—2 to 4 P.M.	Mr. William Hunn

MUSEUM BULLETIN

VOLUME XXIX, No. 9—SEPTEMBER, 1947

ANNUAL REPORTS



"Something Underfoot"

The third generation looks on as its elders prepare to break ground for the Britton Memorial Native Plant Garden. Mr. I. C. G. Cooper, Chairman of the Institute Committee, Mr. Edwin Rundlett, President of the Section of Natural History, Mr. Jacob Flatow, Principal of P.S. 14, representing Staten Island schools and Mrs. Flatow, President of the Woman's Auxiliary.

Photo by Robert Mathewson.

OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

July 1, 1947

Officers

President.....	Dr. James P. Chapin
First Vice-President.....	Dr. Frank A. Strauss
Second Vice-President.....	Edna L. Hoffmeyer
Treasurer	Robert M. Leng
Secretary	Roswell S. Coles

Board of Trustees

TERMS EXPIRE 1948	TERMS EXPIRE 1949	TERMS EXPIRE 1950
Dr. James P. Chapin	Joseph F. Burke	Andrew M. Anderson
Howard H. Cleaves	Edna L. Hoffmeyer	Viola M. Carew
Isaiah C. G. Cooper	Lee A. Elliscn	Edward G. Baker
Robert M. Leng	Alfred Shriver	Mildred S. Grimes
Loretta S. Dreyer	Cornelius G. Kolff	Edward L. Love
Loring McMillen	Joseph A. Palma	Edward M. Stothers
William M. Halloran	Dr. Frank A. Strauss	Daniel L. Bridgman

Ex-officio Members

The Mayor of the City of New York
Hon. William O'Dwyer
The Commissioner of Parks
Hon. Robert Moses
The President of the Borough of Richmond
Hon. Cornelius A. Hall
The Assistant Superintendent of Schools in the Borough of Richmond
Dr. I. Victor Burger

Staff

Director	Roswell S. Coles
Administrative Assistant.....	Carla E. Nesslinger
Clerk	Dorothy A. McCracken
Curator, Natural History.....	Robert Mathewson
Curator, Art.....	Jean Leason
Curator, Davis Collections.....	John Koestner
Librarian	Mabel Abbott
Research Associate, Genealogy.....	Frank P. Bascom
Research Associate, Myxomycetes.....	Robert J. O'Connor
Music Director.....	John L. Bainbridge
Assistant Music Director.....	Marjorie Sunderman
Accompanist	George Martin
Guard	Charles C. Stoddard
Janitor	Solomon Van Blerken
Watchman	Harrison Johnson
Custodian, Britton Cottage.....	Capt. John Wilson

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES ANNUAL REPORTS 1946-1947



The Institute provides interesting activities, from Art to Zoology.
Max Leason prefers reptiles.
Photo by Robert Mathewson.

This past year, the sixty-fifth in the history of our organization, has seen many advances in the broad cultural program to which the Staten Island Institute of Arts and Sciences is dedicated. Progress has been made in many directions as may be seen in the following reports. There is, however, one notable exception, that of a new building; and as our programs develop the woeful inadequacies of the present structure become more and more apparent.

In this dilemma we have been fortunate to be able to utilize the auditoriums of Curtis and McKee High Schools and are particularly indebted to the Staten Island Day School, Mr. Harold E. Merrick, Headmaster, for

providing space for various Institute functions. But these auditoriums provide no exhibit, storage, or meeting space; nor can a well coordinated educational program be sustained by a dispersal of our activities among several buildings. We must press forward for our own accommodations suited to the work we are doing on Staten Island.

JAMES P. CHAPIN, President

REPORT OF THE SECRETARY AND DIRECTOR

During the year the Institute functioned with seven sections, four affiliated societies and the Woman's Auxiliary, including one honorary member, five fellows, 39 life members, 474 annual members, 323 members of the Woman's Auxiliary and approximately 190 associate members. Group activities were coordinated by the Institute Council which held two meetings under the leadership of Mark B. Kerr, President; Marjorie Sunderman, Vice-President; Carla E. Nesslinger, Secretary.

The Institute continued with the same officers during the year but with three changes in the Board of Trustees. On October 21, 1946 Mr. Alfred Shriver was elected to fill the vacancy caused by the death of Mr. T. Livingstone Kennedy who died August 6, 1946. Mr. James J. Mallen returned to Staten Island as Borough Park Director and was welcomed by the Board on October 21, 1946. On April 21, 1947 Mr. Edward L. Love was elected to fill the vacancy caused by the resignation of Mr. Herman W. Ordeman on October 21, 1946.

Two former trustees died during the year, Dr. Frank Hankinson on July 10, 1946, and Mr. Medad Stone on July 24, 1946.

At the meeting of the Institute on May 26th the following trustees were unanimously elected to serve for a three year period: Andrew M. Anderson, Viola M. Carew, Edward G. Baker, Mildred S. Grimes, Edward L. Love, Edward M. Stothers and Daniel L. Bridgman.

Miss Nieves Ribes continued to receive the William T. Davis Scholarship at Wagner College.

An amendment to the Institute By-laws was effected April 19, 1947 to permit the Board of Trustees to hold its meetings "at the call of the President, within ten days after the Annual Meeting of the Institute."

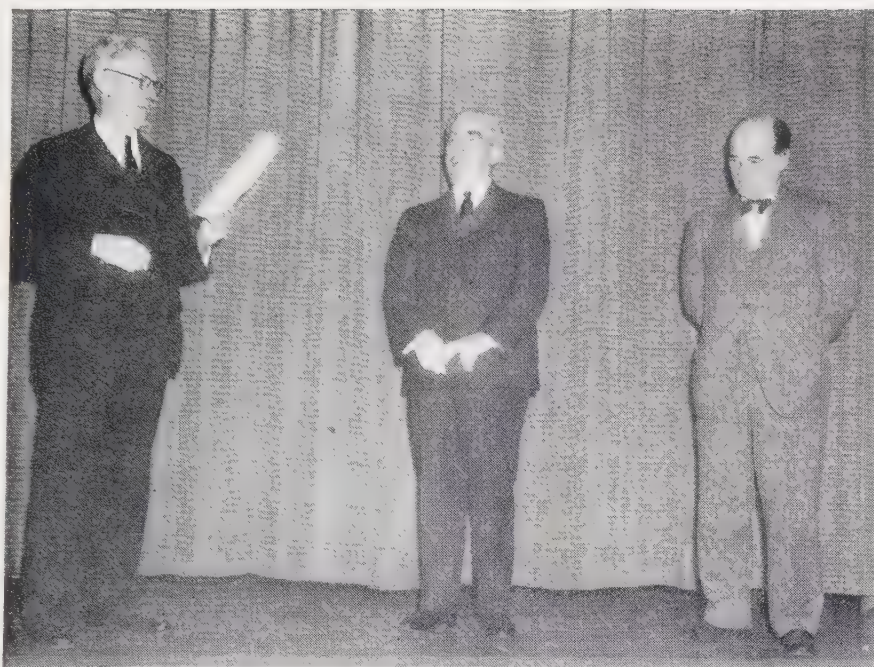
The Institute lost one of its most active supporters in the death on June 9, 1947 of Mrs. Muriel (Mrs. Howard H.) Cleaves. Mrs. Cleaves had long taken an active part in the work of the Section of Art and was a frequent exhibitor in our Staten Island exhibitions. She also prepared several backgrounds for museum exhibits.

Fellows On April 21, 1947 the Board of Trustees elected two Fellows, Robert C. Stanley and Percy A. Leason, for their "conspicuous contributions to the Arts and Sciences." Presentations were made by Dr. Chapin at the Annual Institute Meeting, May 24, with the following citations:

ROBERT C. STANLEY
(Engineering, Metals)

Although you are justly known internationally as a business leader, particularly as President of the International Nickel Co., a member of the Executive Committee of the Chase

MUSEUM BULLETIN of the Staten Island Institute of Arts and Sciences, Vol. XXIX, No. 9, September, 1947. Published monthly, except June, July and August, by the Staten Island Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island, N. Y. and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912. Roswell S. Coles, Editor.



President James P. Chapin presents Fellowship Awards to Robert C. Stanley and Percy A. Leason at the Annual Institute Meeting, May 24, 1947.
Photo by Thomas Fisher.

National Bank, a Director of the United States Steel Corporation and Chairman of the Board of Stevens Institute of Technology and many others, your own achievements in the field of science have often passed unnoticed by your fellow citizens.

Your technical skill led you to the discovery of monel metal and to the development of a process for producing this metal direct from ore without separating the nickel and the copper. Through your efforts the research division of the International Nickel Company has led to thousands of peacetime applications of nickel, which has been described as "the most vital phase of growth in the nickel industry." And, in World War II you were responsible for the greatly increased nickel production so vital to the successful prosecution of the war.

These and other accomplishments have led to many awards by your fellow scientists, among them the Gold Medal for the Advancement of Research from the American Society of Metals in 1944; the first annual Charles F. Rand Foundation Gold Medal in 1940 and the Thomas Eggleston Medal for "distinguished achievement in Engineering," in 1939.

In recognition of your long and useful services to science, and your country and community, you have been elected a Fellow of the Staten Island Institute of Arts and Sciences by unanimous vote of the Board of Trustees on April 21, 1947.

PERCY A. LEASON (Theory and Practice of Painting)

At a time when many Americans have found objects of lasting affection in Australia it is comforting for us to realize that you have found new opportunities in this country and a home on Staten Island.

In you occurs, a rare combination of the sensitivity and technical proficiency of the artist coupled with a truly scientific spirit of research into the meanings and processes of painting. By your work the frontiers of the world of art are being pushed back by means of the scientific method and the true unity of the arts and sciences made more clear.

As President of the Section of Art your accomplishments in painting and administration are well known to Institute members and to artists throughout your country. Perhaps less well known are your technical portrait studies of surviving aborigines of Australia and your research into the art of the old cave men in Europe.

In recognition of what you have accomplished and as an incentive to more intense work in your chosen field you have been elected a Fellow of the Staten Island Institute of Arts and Sciences by unanimous vote of the Board of Trustees on April 21, 1947.

City of New York The museum staff received cost of living bonuses of \$300.00 each on January 1, 1947 and a new position of clerk was added as of July 1, 1947. The total budget for personal service as of July 1, 1947 is \$19,940.00. The City has also provided funds for painting the museum interior and \$840.00 for other than personal service. We take this opportunity to thank Commissioner of Parks, Robert Moses, and Mayor William O'Dwyer for their continued support.

On July 1, 1947 Mrs. Dorothy A. McCracken joined the staff, filling the new position authorized by the city.

The Britton Cottage and Garden The Britton Cottage, the gift of Dr. Nathaniel Britton, is maintained by the Institute as a fine example of colonial cottage architecture. It is open to the public week days from 10 to 5, except Mondays, and Sundays from 2 to 5. Mr. Loring McMillen has continued to supervise the cottage, assisted by Mrs. Robert E. Carew and Mrs. Willard M. Grimes.

On October 21, 1946 the Board of Trustees formally approved the report of the Memorial Garden Committee to establish a Wild Plant Garden in memory of Dr. and Mrs. Britton, with Mr. I. C. G. Cooper as chairman. The committee consists of Mrs. Jacob Flatow, Mrs. John Dicke, Mrs. Anselm Nascher, Mrs. Edgar Sleight and Messrs. Lee A. Ellison, Edwin A. Rundlett, Loring Mc Millen, Robert Mathewson and the Director.

An appeal for funds was made in the *Museum Bulletin* for February, 1947, and a plant sale was held on May 5th, in which we were assisted by the Federated Garden Clubs of Staten Island, Mrs. S. J. Botsford, President. Funds to the amount of \$426.13 were raised which are acknowledged in the list of donors. In addition, \$110.32 has been contributed toward the cost of a fence by the following Public Schools: 3, 11, 14, 17, 18, 21, 22, 26, 28, 29, 30, 44, 46 and the New Dorp High School. Mrs. Margaret Beyer was instrumental in obtaining these school contributions.

During the spring and early summer, background shrubs and trees have been planted and construction work begun on the pool, swamp garden and terraces.

Library Nine hundred and sixty-nine items have been added to the library during the year, including periodicals from 94 exchanges, memberships and purchase. Twenty-three books also have been purchased through the Crooke Fund. To the periodical list published last year have been added *Economic Botany*, *Arizona Highways*, *Cranbrook News Letter* and the *Journal of the Photographic Society of America*.

Within the last few months the library has had a number of accessions of books connected with Staten Island or written by Staten Island authors. Among these are four books by Theodore Winthrop, of the famous old literary colony of West New Brighton: *Cecil Dreeme*, with a biographical introduction by George William Curtis, *John Brent*, *Edwin Brothertoft* and *Life in the Open Air*. We are indebted to Mrs. Arnold C. Pouch for the gift of 10 manuscripts of work by her mother, Florence Morse Kingsley.

Other recent accessions are: *Eight Hundred Miles in an Ambulance*, by Laura Winthrop Johnson, with a biographical introduction by Curtis; *Anna and the King of Siam*, by Margaret Landon. "Anna" was Mrs. Leonowens, who kept a private school at New Brighton for a time; *The Lowells and Their Seven Worlds*, by Ferris Greenslet which contains splendid photographs of James Russell Lowell and his first wife, who spent some time on Staten Island, and of Charles Russell Lowell and his wife, who was Josephine Shaw. Two books by Clara H. Whitmore have been presented by her niece, Mrs. Nadine Meshko: *Jo*, *The Indian Friend* and *Woman's Work in English Fiction*. Miss Whitmore was a teacher of English for many years at Curtis High School. Miss Phyllis Whitney, Staten Island author and instructor of fiction writing, has presented her book, *Writing Juvenile Fiction*, and her prize-winning novel *Willow Hill*. Mrs. Eileen McGowan gave the book written by her sister, M. O'Donovan-Rossa, entitled *My Father and Mother Were Irish*.

Accessions Since publication of the last annual report there have been 158 accessions from one to five hundred items each. These have included 556 books, 62 Pamphlets, 56 prints, 2 paintings, 10 objects of art, 53 historical objects, 7 photographs, 219 negatives, 11 manuscripts, 1 microscope, 1 microtome and 250 herbarium sheets. These figures do not include hundreds of natural history specimens, both living and preserved which have been brought to the museum for study, preservation and exhibition.

Numbered among the accessions are books purchased and about 500 books from the collection of William T. Davis; Fire Chief's helmets, badges and equipment from Rev. George G. Burbank; paintings by Fernando Fingado and Fred Kost; Staten Island covers from Elliott Burgher; 50 herbarium sheets prepared by Charles Ericson; 2 scrapbooks from the War Finance Administration given by Robert B. Conway; swords, bayonets and published material from F. W. Hultqvist; historic objects from Mrs. Edward C. Philip; historic medals, badges and watches from Mrs. Camille McSorley; student's microtome and equipment from Miss Mabel Merriman; Staten Island photographs and negatives from her father, Ernest H. Sechusen, given by Mrs. William S. Errington. The many other members and friends who have given Museum material are mentioned in the list of donors.

Exhibitions As noted below, we have held continuous exhibitions of paintings, photographs, books, prints and other historical objects, and natural history. Mrs. Elliott Burgher has continued her loan exhibit of antique pitchers and Mr. Burgher has provided Staten Island covers and other philatelic material. We are indebted to Miss Mathilde Weingartner for her assistance

in preparing natural history exhibits. In cooperation with the Staten Island Philatelic Society we held a special stamp exhibit to commemorate the centennial of the use of the postage stamp in the United States. The annual exhibition of microscopic objects was held on April 19. During the year a part of the natural history exhibits has been given over to live specimens which have been cared for by members of the Senior Science Club. Special exhibits were prepared as needed in connection with the various classes held in the Museum.

Historical furniture, paintings, china and bric-a-brac have been exhibited at the Britton Cottage.

Donors The following members and friends have generously donated objects for the Museum, books or money. We take this opportunity of expressing our appreciation for their cooperation and support.

Miss Mabel Abbott	Hans Hinrichs	Hon. Joseph A. Palma
Miss Myra Barnes	Mrs. A. W. Hoffmeyer	Mrs. Edward C. Philip
Celestino D. Berta	Mr. & Mrs. L. W. Hoffmeyer	Mrs. A. C. Pouch
Mrs. Margaret Beyer	L. Waldo Horton	William Procter
Daniel L. Bridgman	F. W. Hultqvist	Mrs. Kathryn Renfield
C. R. Britten	Charles A. Ingalls	Mrs. Olaf Ronning
Arthur Britton	International Nickel Co., Inc.	Sailors' Snug Harbor
Miss Harriet L. Britton	Philip Kappel	Miss Amy Schüssler
W. R. Britton	William King	Miss Clara Schüssler
Mrs. Clara H. Brooks	Mr. & Mrs. F. Kirchner	Mrs. J. A. Sharrott
Clare Brown	Cornelius G. Kolff	Ernest Shoemaker
Rev. George G. Burbank	Percy A. Leason	John F. Smith
Mr. & Mrs. Elliott Burgher	Clarence McK. Lewis	Mrs. Alice B. Spear
Joseph F. Burke	Mrs. Oscar Loeffler	Robert D. Spear
Mr. & Mrs. Lester L. Callan	Miss Emilie O. Long	Mrs. Oscar Sperrle
John J. Carniol	Mrs. Robert J. Macdonald	Albert Stackman
Dr. James P. Chapin	Donald D. Magruder	S. I. Chapter, Empire State
Miss Ada Clarke	Mrs. Homer E. Marshall	Society, S.A.R.
Mr. & Mrs. Roswell S. Coles	Miss Carolyn C. Mase	Dr. Frank A. Strauss
I. C. G. Cooper	Robert Mathewson	Mr. & Mrs. Edwin A. Stump
Crocheron Brothers	Mrs. Eileen McGowan	David Varon
Thomas Dewhurst	Mrs. Leslie McNeill	Mrs. Joseph Von Bevern
Miss I. M. Duncan	Mrs. Camille L. McSorley	Miss Margaret V. Walthall
Charles G. Elfstrom	Miss Mabel Merriman	War Finance Administration
Lee A. Ellison	Mrs. Nadine Meshko	through Robert B. Conway
Charles Ericson	Capt. and Mrs. Thomas I. Miller	Miss Mathilde Weingartner
Mrs. William S. Errington	Mrs. William Wirt Mills	Harry B. Weiss
Fernando Fingado	Dr. & Mrs. Ralph W. Nauss	Westerleigh Garden Club
Thomas J. Fisher	Mr. & Mrs. Karl O. Nesslinger	Miss Adelaide White
Mr. & Mrs. Jacob Flatow	Curtis E. Neumann	Mrs. F. Winthrop White
Mrs. Rose Fleisher	Mr. & Mrs. Joseph Neumann	Miss Phyllis Whitney
Charles Fleming	E. P. Neuschwander	W. M. Winant
Mrs. T. N. Garson	N. Y. Botanical Garden	George Winter
Mrs. Willard M. Grimes	N. Y. Historical Society	Mrs. H. A. Witte
H. G. Hafferkamp	Herman W. Ordeman	Woman's Auxiliary
Mrs. Max Haertel	Mrs. William C. Orton	
Hon. Cornelius A. Hall	Dr. A. H. Owens	

Activities Regular Institute meetings were held monthly from October to May. They included four William T. Davis Memorial Lectures, made possible by the Davis Natural Science Fund, and held at McKee Vocational and Technical High School, two meetings at the Staten Island Day School, the 65th Anniversary Dinner held at the Meuret Club and the Christmas Concert

by the Staten Island Oratorio Society held at Curtis High School. The programs included:

October 19, 1946: Davis Memorial Lecture. Frank E. Gunnell's prize winning film, "While the Earth Remaineth."

November 14, 1946: Sixty-fifth anniversary dinner, held at the Mcurot Club. "Argentine Dances," by Miss Cecilia Ingenieros, Argentine Dancer, through the East and West Association.

December 16, 1946: Christmas Concert, the "Messiah", and Christmas Carols, sung by the Staten Island Oratorio Society at Curtis High School.

January 18, 1947: Davis Memorial Lecture. Dr. W. H. Camp, "Timberline Trails from Mexico to the Yukon."

February 15, 1947: Tom Ormsbee, illustrated lecture at the S. I. Day School. "Know Your Heirlooms."

March 15, 1947: Davis Memorial Lecture. Cleveland P. Grant, "Adventures With American Birds and Big Game." Colored motion pictures of wild animals and birds.

April 19, 1947: 17th Annual Exhibition of Microscopic Objects sponsored by the S. I. Microscopical Society at the S. I. Day School. Forty-seven individuals and ten institutions took part.

May 24, 1947: Sixty-fifth Annual Institute Meeting. Davis Memorial Lecture. Howard H. Cleaves' new colored motion picture, "Animals Unaware."

Nine hundred and thirty-two other meetings, lectures and classes were held during the year, 445 for adults and 487 for young people. These are listed in detail in the following group reports. This was an increase of 69 adult and 117 young people's programs over last year. Total attendance was 59,208, a gain of 4,814.

Education The Institute carried on six adult courses in the fall of 1946 in which 65 persons were enrolled and 11 were teachers receiving credit for in-service courses. During the spring term of 1947 seven courses were held with 104 persons enrolled of which 16 teachers received credit, making a total enrollment of 169 with 27 teachers earning credit. These courses were made possible through the cooperation of Dr. I. Victor Burger, Assistant Superintendent of Schools, and the following instructors: John L. Bainbridge, Roswell S. Coles, I. C. G. Cooper, Robert W. Cumberland, Miss Doris Dana, Lee A. Ellison, Percy A. Leason, George Martin, Hinman Root, Edwin A. Rundlett, Miss Mathilde Weingartner and Miss Phyllis Whitney.

Robert Mathewson, Curator, carried on the program of bringing to schools of Staten Island various lectures on natural history subjects. From October 1946 to May 1947 he addressed a total of 7,730 children and 347 adults at 46 lectures given in the public schools.

Afternoon classes for young people were held each day, conducted by Miss Leason and Mr. Mathewson. On Saturdays the Stamp Club had the benefit of a new leader, Mr. Henry J. Murray, who stimulated the group to increased activity and membership. Two new groups were formed. Under the direction of Professor Bainbridge the Junior Orchestra rehearsed Saturdays, and the Junior Photography Club met Saturday afternoons with William Sullivan as advisor.

Mr. Mathewson, assisted by Miss Ribes, conducted a group of high school students in biology, the Senior Science Club, with the following officers; Max Leason, President; Andrew Schmitt, Vice-President; Doris Budowitz, Secretary. Individual work was done by Miss Budowitz, Kenneth Blum, Max Leason, Andrew Schmitt, Buddy Batting, and June Stowell. The Club also helped with Museum activities in many ways. During the summer of 1947 Miss Lillian Schwartz became volunteer assistant in this group and Max Leason joined the Museum staff through the Davis Scholarship Fund.

ROSWELL S. COLES

REPORT OF THE TREASURER

STATEMENT OF FUND BALANCES

FOR THE FISCAL YEAR ENDED APRIL 30, 1947

	Balances May 1, 1946	Increases	Decreases	Balances April 30, 1947
Nathaniel L. Britton legacy:				
Principal	\$ 23,712.33	\$ 1,400.00	.....	\$ 25,112.33
Income	574.38	751.00	\$ 728.96	596.42
William T. Davis fund:				
Principal	98,370.43	24,593.51	96.50	122,867.44
Income	1,111.42	5,849.67	4,396.25	2,564.84
D. M. Van Namei fund:				
Principal	100.00	.....	.....	100.00
Income	75.99	3.74	50.00	29.73
John J. Crooke fund:				
Principal	2,000.00	.....	.....	2,000.00
Income	76.89	90.00	131.53	35.36
Building fund	1,000.00	.....	.....	1,000.00
Endowment and general funds:				
Principal	27,700.00	2,000.00	.....	29,700.00
Income	2,246.15	3,086.53	2,175.50	3,157.18
Projector account	25.03	.....	25.03	.....
Music account	124.47	1,648.20	1,563.14	209.53
Art account	50.00	494.40	425.40	119.00
Britton Cottage Garden account .....	.....	215.00	19.50	195.50
Museum classes account .....	.....	1,280.00	699.50	580.50
	<u>\$157,167.09</u>	<u>\$41,412.05</u>	<u>\$10,311.31</u>	<u>\$188,267.83</u>

Represented by:

Securities held by Institute:

U. S. Treasury bonds	\$ 60,700.00
Other	2,006.00

Securities held by City Bank Farmers Trust Co.:

U. S. Treasury bonds	119,249.74
Bonds and mortgages.....	\$50,281.15
Less — Reserve	50,281.15

Cash held by Institute:

Checking account	\$ 2,880.83
Savings accounts	2,219.16
Petty cash at Museum	50.00
	5,149.99

Cash held by City Bank Farmers Trust Co. 162.10

Nominal value of equity in Museum building, exhibits and fixtures 1,000.00

\$188,267.83

ANALYSIS OF CHANGES IN FUNDS

FOR THE FISCAL YEAR ENDED APRIL 30, 1947

INCREASES

Principal:

Additional distribution from Britton estate	\$ 1,400.00	
Amounts realized from Davis fund mortgages, etc.	24,593.51	
Bequest from George W. Tuttle	1,000.00	
Bequest from T. Livingstone Kennedy	1,000.00	\$27,993.51

Income:

Interest on securities and cash.....	\$ 1,582.43	
Premium on redemption of security	75.00	
Income from Davis Trust fund	4,743.73	
Advance from Davis Estate income	1,000.00	
Dues from members	1,344.00	
Dues from affiliated societies	93.00	
Sales from sundry Museum items	70.09	
Contributions	359.00	
Davis annuities	501.57	
Anniversary dinner	12.12	9,780.94

Other accounts:

Sale of tickets — The Messiah	\$ 699.00	
Other music account receipts	949.20	
Transfer of funds from Art section	103.40	
Other art account receipts	391.00	
Donations for Britton Cottage Garden	215.00	
Collections for Museum classes	1,280.00	3,637.60

Total increases \$41,412.05

DECREASES

Principal:

Expenditures of Davis Trust Fund	\$ 96.50
--	----------

Income:

Publications	\$ 1,457.93	
Davis memorial lectures	451.78	
Davis memorial scholarships	555.00	
Expense of Davis biography	60.00	
Salary of curator of Davis collections	585.00	
City Bank Farmers Trust Co. commissions	185.96	
Salary of Director	960.00	
Salary of Treasurer	250.00	
Museum operating expenses	2,449.09	
Books, subscriptions, etc.	131.53	
Britton Cottage expenses	395.95	7,482.24

Other accounts:

Projector parts	\$ 25.03	
Music account expenditures	1,563.14	
Art account expenditures	425.40	
Britton Cottage Garden expenditures	19.50	
Museum classes expenditures	699.50	2,732.57

Total decreases \$10,311.31

ROBERT M. LENG

REPORT OF THE WOMAN'S AUXILIARY

The Woman's Auxiliary has completed its thirty-third year of cooperation with the Institute. Meetings have been held on the last Wednesday of each month, from October to May.

Officers for the period were: President, Mrs. Jacob Flatow; First Vice President, Mrs. Caspar Schwing; Second Vice President, Mrs. Fred Fendel; Third Vice President, Mrs. Louis Kohler; Treasurer, Mrs. Anselm Nascher; Recording Secretary, Mrs. William Errington, and Corresponding Secretary, Mrs. Carl Schaefer.

Our programs have covered a wide selection of subjects, all of which were entertaining and educational. Films shown were, "Wings Over South America," "Two Weeks in Ireland," and "Land of the Maharajahs."

Reverend Winfield Burggraff spoke on "Current Events" and described a session of the United Nations at Lake Success. Countess Leonardo de Murabito, wearing a two hundred year old costume, the authentic gown of a Sicilian noblewoman, told the story of true Christmas Carols and Christmas in Sicily. Mrs. E. D. Johnstone gave an informal talk on Staffordshire china. She described pottery and porcelain that was made in the County of Staffordshire, England in the early Nineteenth Century. There was a display of many beautiful old pieces.

Mr. Robert Mathewson showed slides to illustrate the type of pictures the school children enjoy most. Mrs. Margaret Devlin displayed wallpapers and spoke on Home Decorations. The musicians who contributed to the enjoyment of our programs are "The Amphion Male Quartette" who entertained at the President's Reception and Tea, Mrs. Paula Barbelle, Mrs. Mae Trachsel, Mrs. Helga Phillips, Mrs. Arthur Buehler, Mrs. Harvey Perrine, Mrs. William Danker, Mrs. David R. Johnson, Miss Myrte van Pelt, and Mrs. Andrew Grier.

The Annual Dessert Bridge was held on May 8th, 1947, under the chairmanship of Mrs. Jackson B. Springs, assisted by Mrs. J. H. Hanssen and Mrs. Harold DeGroat. This year the Auxiliary presented the Institute with a check for \$500.00. A donation was made to the New York City Federation Scholarship Fund and the Conference House Association.

The names of thirty-two members were added to our list during the past year, bringing the total membership to 323.

At the Annual Meeting in May 1947, the following officers were elected: President, Mrs. Anselm Nascher; First Vice President, Mrs. Frederick F. Richardson; Second Vice President, Mrs. Harry Hunkel; Third Vice President, Mrs. H. F. Taber; Recording Secretary, Mrs. Thomas Bothwell; Corresponding Secretary, Mrs. Carl Schaefer; Treasurer, Mrs. Edward Bungay.

MARIE S. ERRINGTON



Prize Winning Smiles and Paintings. Award of prizes
for High School Art, March 20, 1947.
Photo by S. I. ADVANCE

FINE ARTS

The Section of Art has shown increased activity during the past year. Ten exhibitions were shown in the gallery, 12 rotary shows sent to six Staten Island branches of the New York Public Library, 20 sessions each of the life and oil painting class, four lectures, six landscape and sketching groups and the Artists' Carnival were conducted.

The following exhibitions were held:

- Staten Island Landscapes by Percy Leason — September 1, 1946 to October 4.
- Annual Exhibition by Members — October 6 to November 29.
- Lithographs by Stow Wengenroth — December 1, 1946 to January 10, 1947.
- Photographs by the Staten Island Camera Club — January 12 to February 13.
- Paintings and Etchings by Alfred McNamara — February 16 to March 18.
- Staten Island High Schools — March 20 to March 31.
- Annual Exhibition by Staten Island Artists — April 6 to May 7.
- Norwegian Arts and Crafts — May 11 to June 15.
- Paintings from the Museum collections were shown during the summers of 1946 and 1947.

Frederick Whitaker and Jay Roland acted as the jury for the Members' Exhibition and The Executive Committee judged both the High School and the Staten Island Artists' Exhibitions. The Curtis E. Neumann prizes were won by William Jackson and Libbie Segman. Prizes for High School art were won by Edward Van Cleaf, and Joan Graboski of Port Richmond High School and Janet Bruns of Curtis High School.

The painting, "The Kelp Gatherers," by Fred Kost was added to the collection this year as well as twenty-seven prints and photographs relating to Staten Island.

At the time of the High School exhibition four lectures for young people were given in cooperation with the School Art League of New York by Percy Leason, Alfred McNamara, Plato Taleporus and Albert Barbelle.

The Section suffered a great loss in the sudden death of Mrs. Muriel M. Cleaves on June 9. She will long be remembered for her faithful support of art and the Section and for her cheerful, colorful watercolors. At the time of her death Mrs. Cleaves was First Vice President of the Section.

Other officers who served during the year were: Percy Leason, President; Armen E. Darson, Second Vice President; Daniel L. Bridgman, Treasurer; Jean Leason, Secretary. Committee chairmen were: Alfred McNamara, Programs and Artists' Carnival; Frederick Bohrer, Rotary Exhibitions; Albert Barbelle, Exhibitions.

JEAN LEASON

ENGINEERING

Richmond County Chapter, New York State Society of Professional Engineers Emil A. Verpillot was elected President at the Annual Meeting in January. Vice Presidents are, Frederick Mardus and Lewis H. Rabbage, with Rudolf Dueland, Treasurer, and Raymond J. Reddy, Secretary. Two meetings were devoted to Symposiums. The first, on "What can our Society do for our Community in the Next Two Years," was led by Frederick Mardus, with talks by Kenneth Milnes, President S. I. Institute of Architects, who spoke on the importance of Zonings; Art O. Hedquist, Executive Secretary of the S. I. Chamber of Commerce who stressed internal and external transportation; and F. J. G. Duck, Executive Secretary of the N. Y. State Society of Professional Engineers, who gave examples of community service by engineers throughout the State.

The second symposium was a product of the first, on "Intra-Boro Transportation," conducted by William Massa, with Art O. Hedquist speaking on the bus situation and Fred Spender, President United Civic Association, describing an intro-boro transit loop. Another meeting was highlighted by a motion picture of the Alcan. Highway, with narrative by President Verpillot.

The Chapter joined with the Chamber of Commerce and other civic organizations of the Island in a discussion of the new Ferry Terminal plans, resulting in a program of action. Additional joint discussions also covered transportation, housing and the pollution of surrounding waters.

Pressure was exerted to prevent the technical and professional employee from being dominated by other agencies for bargaining purposes, as their work is usually advisory to management. The Chapter maintained an active part in the successful effort to raise some 300 Registered Architects and Professional Engineers employed by the City who were receiving a salary lower than the minimum salary for their grade. All such employees will have

been raised to this minimum by July 1, 1947. A membership roster was printed. An inspection was made of the Ruppert Brewery on November 11, 1946.

Two of our Chapter members were honored by the State Society in May, when William H. Larkin was elected State President, and Chester W. Campbell a State Director.

The services of two active members were lost through separation — George M. Fritze, Past Director moved to Minnesota, and Herman W. Ordeman, Past President, who is now in Frederick, Maryland. Another great loss was due to the death of Charles Strohmeier, Past President and Secretary.

RAYMOND J. REDDY

FOLK DANCING

The Folk Dance Group met twice a month on Friday evenings in the Museum from October to April. Representative group and couple dances of fifteen nations were learned and danced.

HINMAN ROOT

LITERATURE

Belles Lettres Society In the second year of the atomic era (2AE) the Belles Lettres Society reviewed 19th Century American literature. All programs were integrated to cover Staten Island literature and music of the particular period being discussed.

Emphasis was placed on original contributions by members and on general membership participation, and this resulted in a greater variety of programs and more general all around participation. A discussion period was also initiated and enlivened many of the programs.

The program committee for the year was under Mrs. R. C. Bridgman, Chairman, and included Mrs. Hartley L. H. Smith, Col. Willard M. Grimes and Mr. Raymond Safford. The individual programs were in charge of Miss Mabel Abbott, who also acted as general consultant on Staten Island literature, Mr. & Mrs. Leonard Sutter, Mrs. Hartley L. H. Smith, Miss Emily Kolff, Col. Willard M. Grimes and Messrs. Raymond Safford, Roswell S. Coles, Mark B. Kerr and Isidore Detson. One of the highlights of the year was the interesting paper on late 19th Century stage personalities in which tribute was paid to Miss Katherine Grey as one of the stars of the period, which was presented by Mr. and Mrs. Joseph Latham on their visit from Nyack.

The following graciously offered their homes for meetings: Mr. & Mrs. R. C. Bridgman, Mr. & Mrs. R. W. Cumberland, Col. & Mrs. W. M. Grimes, Mr. & Mrs. Hartley L. H. Smith, Mr. & Mrs. I. Delson, Mr. & Mrs. R. S. Coles, Dr. & Mrs. E. C. McCulloch, Mr. & Mrs. L. L. Sutter and Mr. & Mrs. Walter Kuhn.

Refreshments were in charge of Mrs. I. Delson, Chairman and Mrs. W. A. Lumsden, Miss Alice Lawrence and Mrs. E. C. McCulloch. The annual dinner, which took the form of a costume shipwreck party, was held at Marconi's Restaurant, New Dorp in April. The year-end picnic held at the home of Mr. & Mrs. Leonard L. Sutter was also a delightful occasion.

The Society notes with sincere regret the passing of Mr. Harry Kuhn, former president of the Society, and one of its oldest members both in age and length of membership.

The officers of the year were: Mr. Walter Kuhn, President, Mrs. R. C. Bridgman, Vice President, Mrs. L. L. Sutter, Recording Secretary, Mrs. R. W. Cumberland, Corresponding Secretary, Mr. Hartley L. H. Smith, Treasurer and Mr. Lester L. Callan, Historian.

At the May meeting, the following officers were elected: Mrs. L. L. Sutter, President; Mr. I. Delson, Vice President; Mrs. W. A. Lumsden, Recording Secretary; Dr. Ida Everson, Corresponding Secretary; Mr. Hartley L. H. Smith, Treasurer and Mr. Lester Callan, Historian.

WALTER KUHN

Fortnightly Club The Fortnightly Club of Staten Island has held 15 meetings at the homes of members during the 1946-47 season, under the leadership of the following officers: Mrs. Christopher Steadman, President; Mrs. John P. Dicke, First Vice President; Miss Rosalie M. Packer, Second Vice President; Miss Annie A. Davison, Secretary; Mrs. David Elder, Treasurer.

The papers given were varied, most enjoyable and of timely interest.

October 7, "Twin Rivers" by Harry Emerson Wildes — Mrs. Steadman
October 21, "The Adams Family" by James Truslow Adams — Miss Packer
November 4, "So Well Remembered" by James A. Hilton — Mrs. Dicke
November 18, "Edward Bellamy" by A. Morgan — Mrs. Covert
December 2, "African Journey" by Eslanda Goode Robeson — Mrs. Swett
December 16, Christmas Program
January 27, John Caldwell Calhoun — Mrs. Kirkley
February 10, William Morris — Mrs. Van Wormer
February 24, Studies from German Literature — Miss Davison
March 10, Franz Schubert — Mrs. Tanner
March 24, Bret Harte — Mrs. Hartley Smith
April 7, William Allen White — Mrs. Steadman
April 21, Saga of the Hudson River Country — Mrs. Schaefer
May 5, "The Egg and I" by Betty MacDonald — Miss Schneider
May 19, "The Gauntlet" by James Street — Mrs. Botsford

MRS. CHRISTOPHER STEADMAN

MICROSCOPY

Staten Island Microscopical Society The year 1946-1947 showed a marked increase in interest in the activities of the Society. This, undoubtedly can be attributed to the return of members from the war but also to an awakening of interest among the younger groups of the museum. During the year we held eight meetings with an average of 14 members present at each meeting. At the meeting of April 2, 1947 we were honored by the presence of the Board of Managers of the New York Microscopical Society. This group came at our invitation to observe our form of meeting and in so doing perhaps participate in an exchange of ideas for programs for the 1947-1948 season.

As usual all our programs were presented by members of the Society. The topics for discussion were selected for the particular studies of the person speaking or from some particularly interesting current topic in scientific literature. It was characteristic of the meetings, that a lively discussion followed all talks. In fact many discussions arose spontaneously out of some casual observation made by a member. The following subjects were presented for the various programs: "Recent Developments in Electron Microscopy," by Dr. F. A. Strauss; "Anti-biotics and Their Relation to Mycetozoa," "Formal Elements of the Cell," "Meiosis," "Recent Development in the Study of the Molds," by R. J. O'Connor; "Crystal Formation in Natural Volcanic Glasses," by G. E. Ashby; "Thin Rock Section under Polarized Light," by Peter Thein; "Diatom Culturing without Shells," by J. F. Burke; and "Changing Micrological Techniques as Applied to Botany," by I. C. G. Cooper.

During the latter part of the season we tried to initiate a program whereby the meetings would start at 7 P.M. instead of the usual 8 P.M. in order to have time for practical demonstration of technique and for the examination of specimens presented. We hope that this thought can be further developed in the fall.

The highlight of the year, of course, was the 17th Annual Exhibition held at the Staten Island Day School in the evening of April 19th, 1947. The exhibition was quite successful and well attended. The following organizations and institutions participated: Staten Island Microscopical Society, Wagner College, Augustinian Academy, New Dorp High School, Port Richmond High School, Staten Island Day School, Staten Island Cancer Committee, United States Marine Hospital, Staten Island Zoological Society, Museum Biology Club and the Museum Science Club.

At the meeting of January 4, 1947, the following officers were elected: President, Joseph F. Burke; Vice President, I. C. G. Cooper; Secretary, R. J. O'Connor; Treasurer, Roswell S. Coles.

ROBERT J. O'CONNOR

MUSIC

Staten Island Oratorio Society During the 1946-1947 season, two public concerts were given, on December 19, 1946, and on May 19, 1947, both at Curtis High School, and both with the assistance of the Wagner College Choir. The December concert was devoted to Christmas music: the Advent and Christmas portions of Handel's *Messiah*, and a group of carols. The soloists were Marian MacIntyre, Ruth Rothacker, Frank Richardson and Carl William Lesch. Instrumentalists included George Martin at the piano, George S. Dare at the organ, and a small orchestra composed of musicians from the Wagner College Department of Music and the Wagner College and Staten Island Civic Orchestras.

The May concert included *a cappella* numbers by each of the choral groups, piano numbers by Mr. George Martin, and the first part of Haydn's *Creation*. The vocal soloists were Miss MacIntyre, Messrs. Richardson and

Lesch, Dorothy Danforth, Inge Vondran, Evelyn Grannis and A. H. Korndorfer. Harry A. Russell at the organ and a small orchestra provided the instrumental accompaniment. Both concerts were directed by Professor John L. Bainbridge, who became Musical Director of the Oratorio Society in June, 1946. The Society also took part in a concert at Wagner College in January, 1947. The season ended with a picnic and musical evening at the home of Mr. and Mrs. Mark B. Kerr on June 16, 1947.

The following officers were elected in January, 1947: President, John R. Bacher; Vice President, Mrs. Elizabeth Haertel; Secretary, Louise Simmons; Treasurer, Elizabeth Weingartner; Librarian, Mrs. F. W. Bechtold. The Executive Committee consists of these officers together with the Musical Director, John L. Bainbridge, the Assistant Director, Marjorie Sunderman, the past presidents, Roswell S. Coles and Mark B. Kerr, and Mrs. Willard M. Grimes, who, with Mr. Coles, represents the Staten Island Institute of Arts and Sciences.

Plans for the 1947-1948 season include a concert to be given December 18, 1947, and, tentatively, participation in a Music Festival in the Spring of 1948. The work to be presented at the December concert is Bach's *Christmas Oratorio*. Rehearsals will be held at the Institute every Monday evening beginning September 8, 1947, and will begin promptly at 8 P.M., ending at 10.

A Membership Committee has been set up with Mr. W. N. Meyer as Chairman to recruit new members. The active list has averaged 60 during the past season, with the four parts fairly well balanced, but it is considered desirable to enlist the support of additional singers. New candidates will be welcome, provided they can pass a simple voice test and are willing to attend rehearsals regularly. Inquiries should be submitted to Mr. W. N. Meyer, 42 Allendale Road, S. I. 5.

JOHN R. BACHER

The Treble Choral Ensemble The Treble Choral Ensemble, a group of twenty members which meets on Tuesday evenings at 8:30, completed its ninth year with two successful concerts. The first of the Spring season was given under the auspices of the Parent-Teacher Association of Public School 14, Stapleton, on June 11th. The second concert was given at the First Moravian Church in New York City, on June 17th.

During the Christmas season the group gave two concerts. On December 17th they journeyed to Jersey City to sing at the Linden Ave. Methodist Church. The soloist at this concert was Jean Thomson Hicks, Soprano. The program was repeated on January 5th at a vesper service at New Dorp Moravian Church.

Officers for the coming season are: Mrs. Louise Raichle, President; Gloria Goertz, Secretary; Mrs. Sherwood Seely, Librarian; Marjorie L. Sunderman, Director; Mrs. Betty Thomson Kacik, Accompanist.

MARJORIE L. SUNDERMAN



Borough Director of Parks, James J. Mallen, addresses the Annual Outing
of the N. Y. Association of Teachers of Biological Sciences
at Wolf's Pond Park, May 17, 1947.

Photo by Robert Mathewson.

NATURAL HISTORY

Section of Natural History Three regular monthly events were held throughout the year to encourage the appreciation and understanding of the ways of Nature.

On the second Saturday of each month field trips were made to the following places under the leadership of the President and Field Secretary. The average attendance on these trips was 25. Concord foothills and Grasmere woods; Billopp House and adjacent beaches; sandy lands between Sharrot and Claypit Roads; Willowbrook Park; woods between Rockland and Richmond Hill Roads; woods east of Gifford's Lane; Buck's Hollow; Richmond Floral Co. greenhouses; Christopher House and Wiesner's Nursery; Wolfe's Pond Park; Bronx Botanic Garden; the John F. Avery garden at 410 Page Ave., and the near-by stand of hybrid Oak trees.

On the Tuesday evening following each of these field trips those members most ardently engaged in the study of the natural sciences met in the Museum library for a round-table discussion. The average attendance at these gatherings was 10. Those taking advantage of this means of self-improvement made better progress than otherwise would have been possible. Future leaders for the Natural History Section might be thus developed.

The main indoor meetings were held on the fourth Saturday evening of each month in the Museum auditorium. The average attendance was 33.

At these gatherings all members were encouraged to report Nature observations of general interest. In addition, the member and guest speakers listed below, presented at greater length discourses upon special phases of natural history, usually with slides or with demonstrations. Their subjects are also listed.

N. J. Pine Barrens, Mrs. Miriam Stryker.

Plant Breeding for the Novice, Dr. Leona Schnell.

Britton Memorial Native Plant Garden, I. C. G. Cooper.

Collecting Snakes in Arizona, Carl F. Kauffeld.

Winter Birds and Bird Song Records, Lee A. Ellison.

Evergreens of the Adirondacks, Lee A. Ellison.

Bog Slogging for Rarities in the Asa Gray Country, Lee A. Ellison.

Signs of the Seasons, Walter Shannon.

Ramblings in Florida, John Koestner.

Habits of Norway Maple Aphids, Edwin Rundlett.

The Herbarium Committee (formerly the Plant Census Committee), consisting of I. C. G. Cooper, Miss Mathilde Weingartner, and Charles Ericson, held monthly meetings which resulted in the preparation of several hundred new mounted plant specimens to supplement or replace those of the Britton collection. The latter is now of historic interest and is no longer being used for general student purposes. Lee A. Ellison and Robert Meyer contributed generously in this undertaking.

The Natural History Section has taken an active interest in the establishment of a native plant garden at the Britton Cottage. This quaint old home of the 17th century, now owned by the Institute, was at one time occupied by Staten Island's most noted botanists, Dr. and Mrs. Nathaniel Lord Britton. A plan of the garden project, drawn up by I. C. G. Cooper, appeared in the February Bulletin, together with the history and photographs of the building.

A very successful plant sale was held at the Museum May 5th, with the assistance of the Federated Garden Clubs of Staten Island. Proceeds will be used in the development of the above-mentioned garden. The N. Y. Botanic Garden and Sailors' Snug Harbor both made liberal donations of shrubs.

Due to eradication work being done by the Park Department for the control of Dutch Elm disease in New Springville Park, the winter feeding of birds was transferred to the west end of Buck's Hollow, Latourette Park. Many birds appeared at the new site.

On December 22nd Howard Cleaves led a group of 10 ornithologists in taking an island-wide census of birds in cooperation with the National Audubon Society. Results were published in the February Bulletin.

In May three special trips were made on Sunday mornings under the leadership of Casimir Redjives to study bird migration. Average attendance on these trips was 15. A long list of warblers was observed, some of them very rare.

On May 17th the Section provided the following leaders for the annual outing of the N. Y. Association of Teachers of Biological Science in Wolfe's Pond Park: Miss Mathilde Weingartner, Charles Ericson, Casimir Redjives, Edwin Rundlett, Robert Meyer, and Robert Mathewson.

Officers elected at the January 1947 meeting for the current year are: President, Edwin Rundlett; Vice-president, Casimir Redjives; Recording Secretary, Mrs. Elwood Cole; Corresponding Secretary, Mrs. Carla E. Nesslinger; Field Secretary, Miss Mathilde Weingartner; Treasurer, Karl O. Nesslinger.

Total membership of the Section at this writing is 104.

EDWIN RUNDLETT

PHILATELY

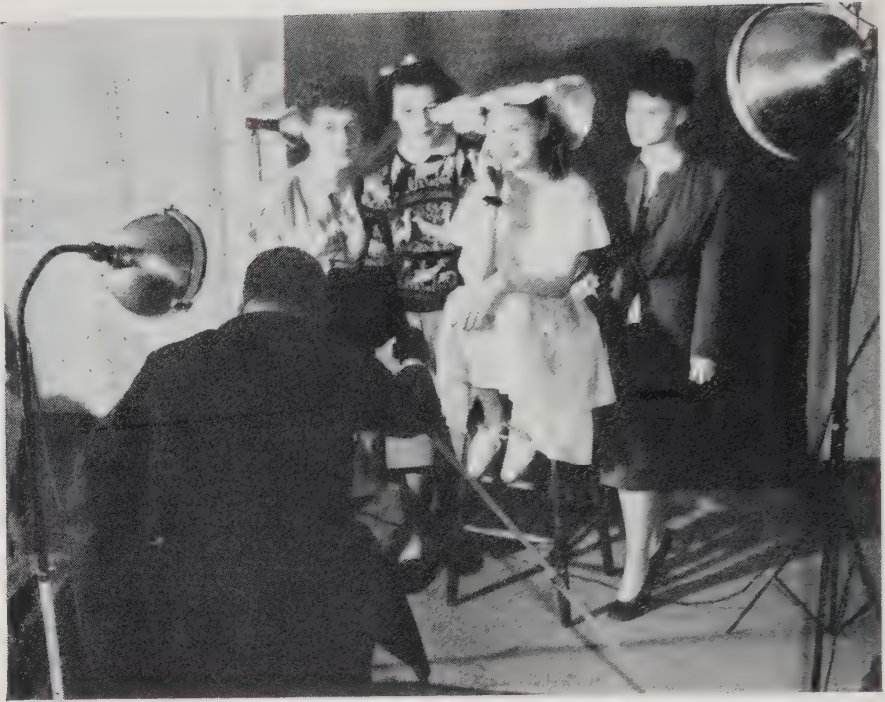
Staten Island Philatelic Society The Staten Island Philatelic Society feels that it has had a profitable year following the necessary curtailment of activity during the war. A membership campaign last fall increased our membership by about 25 per cent, and the average attendance at the fortnightly meetings held at the museum on the second and fourth Mondays of the month was tripled. An exhibit was held at the museum in May coincident with the international exhibit held at Grand Central Palace in New York which celebrated the centennial of the issuance of the first United States postage stamps. The Society fortunately acquired from the international show three large exhibition frames for use in our future stamp exhibits. The club appreciates the help and cooperation of the museum staff in handling the exhibit.

Trading during the year was brisk and short auctions held at each meeting enlivened the interest. Talks by members were initiated to inform other members of the variety of interest in stamp collecting. This activity will be continued in the fall and enlarged to include talks by well known outside collectors. Classes for beginners (and possibly for advanced collectors) and competitive exhibits are also scheduled. A roster of members giving their special philatelic interests is scheduled for this summer.

At the instigation of Mr. Steve O'Brien, one of our new members, a stamp club was started at Halloran Hospital. A number of members visit the hospital weekly to assist the patients in starting collections and obtaining material. Ample stamps are on hand, but the work is hampered by a lack of albums, catalogs, stamp tongues, hinges and other accessories.

Mr. H. J. Murray contributed a great deal of his time in organizing and maintaining the junior stamp club on Saturday morning. This is an important activity for our future collectors may come from these ranks.

The club operated under the leadership of Mr. M. P. Lawter, President; Mr. Fred W. Schultz, Vice President; Mr. Anselm Nascher, Secretary and Mr. H. J. Murray, Treasurer. One of our new members, Mr. Robert Porter acted as auctioneer and chairman of the program committee.



"Photography is Fun," say members of the Staten Island Camera Club as they meet at a Studio Night to develop their techniques.
Photo by S. I. ADVANCE.

At the annual election of officers held in April, Mr. Walter Kuhn was elected President and Mr. W. J. McCoy was elected Vice President. Mr. Nascher and Mr. Murray being reelected respectively as Secretary and Treasurer.

We anticipate a year of increased activity and we feel that many more of the collectors on Staten Island could benefit by our activities. We welcome new members and visitors.

WALTER KUHN

PHOTOGRAPHY

Staten Island Camera Club The Club has more than doubled its membership during the past year. Lectures given were: "Color Photography" by Eric Adams, club member and head of the photographic department in the Essex County, New Jersey Technical School; "Retouching" by Miss Gudrun Hansen of the Studio School of Photography; "Paper Negatives" by Robert Mertens, A.P.S.A.; "Photography at the Zoo and in the Field" by Sam Dunton, Chief Photographer of the Bronx Zoo; "A Lighting Demonstration" by Mrs. Olga Emma Irish, A.P.S.A. and F.R.P.S.; "Photography as I Find It" by Roy Pinney, famous advertising photographer; "Filters" by Ford Bancroft, and "Making Slides" by Thomas Fisher.

Print contests were judged by The Lens Club of Bayonne, Alexander C. Vogt of the Brooklyn Institute, Victor Scales, Vice President of the Photo

graphic Society of America, Mr. T. C. Bassett of the Telephone Camera Club, Mr. Robert C. Desme, A.P.S.A. and F.P.S.F.

In October the Club was host to the Class A Division of the "Print of the Month" Judging of the Metropolitan Camera Club Council, a group of 100 member clubs. The judges on this occasion were: Carl Sanchez, Leven E. Roubian, and Henry Korones. The Club was represented in the Class A group for the first time this year and finished in 12th place. On Sunday, June 15th, the Club was host to the Council again at a field trip around Staten Island and over four hundred photographers were represented.

The Annual Judging took place June 25, 1947. Serving as judges were: Mrs. Barbara Green, A.P.S.A., editor of "The Camera", Mrs. Olga Emma Irish, A.P.S.A. and F.R.P.S., and Mr. Harvey Falk, A.P.S.A. Winners were: 1st, Arthur Blanc, "Misty Morning"; 2nd, Robert Young, "Shorty"; 3rd, Alfons Wallich, "Goethals Bridge"; 1st Honorable Mention, Kae Jones, "Manhattan Backyard"; 2nd Honorable Mention, Oliver Balmer, "St. Peters." Over 150 prints were submitted.

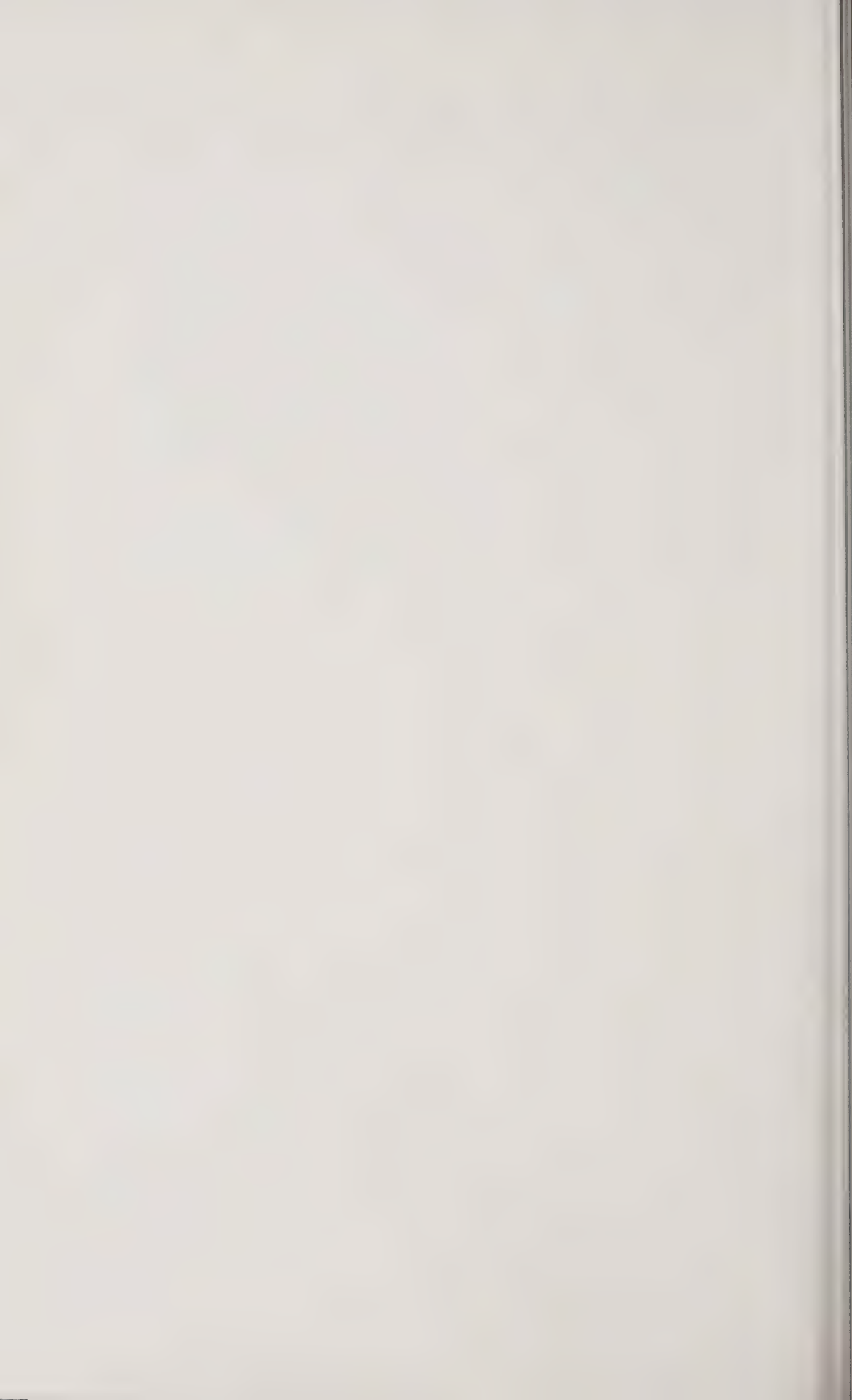
During the year there were rotary print shows from 16 member clubs of the Metropolitan Camera Club Council and 4 from the Photographic Society of America. Also, through the courtesy of our member, Ed Hannigan, editor of the "U. S. Camera," we were the first club in the country to have the Graflex-Graphic show, and the new film of General Electric "The Family Album." Our Annual Exhibition took place during January with a total of 103 prints.

The winners of the Fabian Trophies for most points scored during the year in the monthly print competitions were: Class A, Arthur Blanc; Class B, Michael Koledo. These two, with the addition of Mrs. Doris Lahr, winner of Class C, received gold keys at our annual dinner at Gus' Restaurant on Saturday, June 21st. The silver keys were awarded to: Class A, Thomas Fisher; Class B, William D. Sullivan. The bronze keys were awarded to: Class A, William Hunn, and Class B, Robert Young.

The officers of the Club are: President, William G. Hunn; Vice President, Arthur Blanc; Recording Secretary, Miss June Barnes; Corresponding Secretary, Miss Carmela Pignata; Treasurer, Daniel Dennis; Chairman of Executive Committee, Thomas Fisher; Chairman of Program Committee, Michael Koledo; Chairman of Print Committee, Thomas Fiorini; Delegate to the Metropolitan Camera Club Council, William Sullivan. Member Frank Gunnell was elected President of the Metropolitan Cinema Club.

A Junior Club was formed, meeting every Saturday afternoon with William Sullivan acting as advisor. Their officers are: President, Frank Pelley; Vice President, Miss Sara Long; Secretary, Miss Gloria Wallich, and Treasurer, George Ahern. Various members of the senior group gave lectures, and several field trips were held. The winners of the Junior Group Annual Print Competition also selected by Mrs. Green, Mrs. Irish and Mr. Falk on June 25th were: 1st, Robert Muller; 2nd, Lawrence Wallich, and 3rd, Miss Gloria Wallich.

WILLIAM HUNN



INDEX TO MUSEUM BULLETIN, VOLUME XXIX,
OCTOBER, 1946 — MAY, 1947

- Abbott, Miss Mabel, 15, 30, 33, 48,
57, 70, 76, 83
Accessions, 75
"Across the Tracks," illus. 45
Adams, Mr. & Mrs. Eric, 35, 89
Adams, Frederick, 39
Adams, Wayman, 4
"Adventure with American Birds and
Big Game," 46, 77
Agrimony, 16, illus. 17
Ahern, George, 90
"A Legend of Staten Island," 57
Algae, 58
Algin, Vladimir, 35
Alvis, Martin, 10
"American Birds and Big Game," 1
Amphion Male Quartette, 80
Anderson, Andrew M., 63, 70, 72
Andersen, David, 65
Angelica Tree, 7
"Animals Unaware," 1, 77, illus. 62
"Anna and the King of Siam," 18, 75
Anniversary Dinner, 11, 14, 76, 77
Annual Meeting, 62, 63
Annual Reports, 71
"Anti-Biotic Investigation," 26
Argentine Dances, 77
"Art Notes," 4, 25, 39, 47, 55, 81
Artists' Carnival, 4, 14, 15, 25, 81
Artists, Exhibitions, 4, 13, 15, 47, 53,
55, 65, 81
Ashby, George E., 18, 26, 85
Attendance, 77
Audubon Artists, 4, 5, 25
Audubon Society, 39, 88
Augustinian Academy, 85

Bacher, Dr. John R., 43, 85
Bainbridge, John L., 11, 42, 50, 70,
77, 85
Baker, Hon. Edward G., 63, 70, 72
Balmer, Oliver C., 23, 31, 39, 66, 90
Balmer, Mrs. Oliver, 8
Bancroft, Ford, 59, 90
Banner, Irving, 65, 67
Barbelle, Albert, 4, 15, 25, 48, 55, 82
Barbelle, Mrs. Albert, 25, 80
Barnes, Miss June, 21, 23, 27, 39, 59,
66, 90
Barnes, Miss Myra, 25, 55, 76
Barracato, John, 39
Barton, Miss Miriam, 39
Bascom, Frank P., 70
Bassett, T. C., 90
Batting, Buddy, 77
Beaumont, Arthur, 55
Beaumont, Mrs. Henrietta, 15, 55
Bechtold, Mrs. Ruth, 43, 85
Beckwith, Miss Catherine, 27
Beech, European Purple, 7
Behar, Ely M., 15, 53, 55
Beil, Carlton, 39
Bell, Cecil C., 15
Bellavia, Mrs. Annette, 27
Belles Lettres Society, 83
Bent, Arthur Cleveland, 57
Bergfield, Miss Adelaide, 65
Berta, Celestino D., 50, 76
Beyer, Mrs. Margaret, 74, 76
Birch, European Weeping, 7
Birds, 57, 58, 88
"Breeding Birds", and list, 3
"The Starling at St. George," 56
Bird Census, 39, 88
Bird Sanctuary, 88
Special Bird Walks, 66
Bissell, Leslie D., 15
Blanc, Arthur, 23, 39, 66, 90
Blanchard, W. S., 27
Blauvelt, Miss Bessie, 35, 55
Blackberry, 16, illus. 17
Blum, Kenneth, 77
Boecking, Miss Edith, 15, 55
"Bog Slogging for Rarities," 19
Bohrer, Frederick, 4, 15, 25, 55, 82
Bohrer, Mrs. Frederick, 25
Bond, Miss Gwen, 15
Boone, Ilsley, 67
Bothwell, Mrs. Thomas, 80
Botsford, Mrs. Stephen J., 64, 74
Braendly, George, 35, 39
Bricka, Mrs. Harry, 35
Bridgman, Daniel L., 4, 18, 25, 63, 70,
72, 76, 82
Bridgman, Mrs. R. C., 83
Britten, C. R., 50, 76
Britton, Arthur, 58, 76
Britton Cottage, 74, 76, illus. 37, 38,
69
Britton Cottage Memorial Garden, 37,
40 (supplement with illus.) 50, 58,
64, 74, 88
Britton, Mrs. Elizabeth Gertrude, 37,
74, 88
Britton, Miss Harriet L., 76
Britton, Dr. Nathaniel Lord, 37, 74,
88
Britton, W. R., 76
"Brooklyn Garden", illus. 61
Brooks, Mrs. Clara H., 76
Brown, Clare H., 35, 76
Bruns, Miss Janet, 81
Bruns, Robert, 10
Buck, Pearl S., 14
Buckeye, 7
Budgen, L. M., 48
Budowitz, Miss Doris, 10, 77
Buehler, Mrs. Arthur, 38, 80
Bungay, Mrs. Edward, 80
Burbanck, Rev. George G., 75, 76
Burger, Dr. I. Victor, 42, 70, 77
Burggraaf, Rev. Winfield, 19, 80
Burgher, Elliott, 23, 75, 76
Burgher, Mrs. Elliott, 75
Burke, Joseph F., 18, 26, 34, 43, 51, 58,
59, 63, 67, 70, 76, 84, 85

- Busing, F. A. 15, 55
 Busing, Leroy A., 8, 15, 55
 Butler, Dr. Samuel, 34
 Butternut, 6
 Calender, Monthly, 12, 20, 28, 36, 44,
 52, 60, 68
 Callahan, Miss Anna B., 8
 Callan, Mr. & Mrs. Lester L., 76, 84
 Camera Club (see S. I. Camera Club)
 Camp Dr. W. H., 1, 29, 77, illus. 30
 Campbell, Chester W., 83
 Canady Mrs. Alice, 15, 55
 Carew, Mrs. Viola M. 63, 70, 72, 74
 Carniol, John J., 76
 Cedar of Lebanon, illus. 6
 Chaplin, Dr. James P., 11, 64, 70, 72,
 76
 Cherry, Cornelian, 7
 Christiansen, Theodore, 65
 Christie, William, 23
 Christman Bird Census, 39
 Christmas Concert, 22, 76, 77, 85
 Clarke, Miss, Ada, 64, 65, 76
 Cleaves, Howard H., 1, 30, 39, 56, 62,
 70, 77, 88, article 3, illus. 62
 Cleaves, Mrs. Muriel M., 4, 15, 25, 55,
 72, 82
 Clute, John J., 33
 Cole, Mrs. Elwood, 51, 58, 65, 88
 Coles, Charles H., 39
 Coles, Roswell S., 23, 26, 42, 58, 70,
 74, 76, 77, 83, 85, article 56
 Coles, Mrs. Roswell S., 23, 76
 Combs, Aubrey, 55, 65
 Committees, Natural History, 58
 "Community Planning," 11
 Condit, Warren, 31, 39, 66
 Contessa, Joseph, 55
 Conway, Robert B., 75, 76
 Cooper, I. C. G., 16, 32, 35, 40, 43, 50
 51, 58, 59, 70, 74, 76, 77, 84, 85,
 87, 88, illus. 69
 Courses, Museum, 11, 42
 Crocheron Bros., 76
 Crows, 57
 Cumberland, Mr. & Mrs. Robert W.,
 77, 84
 Curtis, George William, 65, 75
 Curtis High School, 71, 77, 85

 Dale, Miss Ida Dudley, 55, 65
 Dana, Miss Doris, 77
 Danforth, Miss Dorothy, 86
 Danker, Mrs. William, 80
 Darson, Armen E., 15, 55, 82
 Darson, Mrs. Artemis, 15, 55
 Davis, William T., 75
 Memorial Lectures 1, 2, 29, 34, 46,
 62, 76
 Scholarship Fund, 10, 72, 77
 Davison, Miss Annie A., 84
 De Groat, Mrs. Harold, 80
 Delson, Mr. & Mrs. Isidore, 83, 84
 De Murabito, Countess, 27, 80
 Dennis, Daniel, 27, 39, 90
 Desme, Robert C., 90
 Dessert, Bridge, 54, 63, 80

 Devlin, Mrs. Margaret Ann, 59, 80
 Dewhurst, Thomas, 76
 Dicke, Mrs. John, 64, 74, 84
 Disosway, Gabriel P., 49
 Dog Rose, 32
 Dollin, Alex, 15
 Donors, 76
 Dreisbach, A. G., 67
 Dreyer, Mrs. John W., 70
 Dubovsky, William, 27
 Duck, Frank J. G., 11, 82
 Dueland, Rudolf, 82
 Duncan, Miss I. M., 76
 Dunton, Sam, 90
 Dutch, Elm Disease, 35, 88

 Eames, Rev. Marshal H., 23
 Easley, Mrs. Ethel R., 15, 55
 Education, 77
 Elder, Mrs. David, 84
 Electron Microscopy, 26, 34
 Elford, Mrs. Anne, 27
 Elfstrom, Charles G., 76
 Elliott, Dr. Samuel, 24
 Ellison, Lee A., 8, 19, 30, 39, 40, 51,
 58, 59, 63, 70, 74, 76, 77, 87
 Elm, English, 6
 Engineering, 82
 "Episodes of Insect Life," 48
 Ericson, Charles, 51, 58, 64, 75, 76, 87,
 88
 Errington, Mrs. Wm. S., 75, 76, 80
 Ervast, Eric, 35
 Everson, Christian E., 15, 55
 Everson, Dr. Ida, 84
 Exhibitions, 75,

 Fabian Trophies, 90
 Fabregas, Miss Marjoris, 8
 Falk, Harvey, 90
 Fellowship, 72
 Fendel, Mrs. Fred, 80
 Ferguson, Miss Marguerite, 65
 Field Trips, 19, 27, 35, 43, 51, 58, 66,
 86
 Fingado, Fernando, 13, 15, 75, 76
 Finkelson, Ben, 15
 Fir, Nikko, 6
 Fisher, Thomas J., 23, 39, 50, 66, 76,
 90
 Fisher, William, 31
 Fitzpatrick, James L. G., 55
 Flamm, Henry F., 39
 Flatow, Jacob, 76, illus. 69
 Flatow, Mrs. Jacob, 26, 35, 41, 64, 74,
 76, 80, illus. 69
 Fleischer, Mrs. Rose, 64, 76
 Fleming, Charles, 76
 "Flowers of Our Fields," The Roses, 16,
 32
 Folk Dancing, 43, 83
 Foote, Mrs. Lewis D., 35
 Fortnightly Club, 84
 Friedman, Mrs. Ezra, (Helen) 15, 27
 Fritze, George M., 83
 "Frogs and Springtime," 66
 Fusco, Tony, 27

Garden Clubs, S. I. Federated, 64, 74, 88
 "Gardens Under the Sea," 35, 43
 Garson, Mrs. T. N., 76
 Gatz, P. W., 27
 Gerow, Mrs. Lola Landry, 8, 15, 26, 55
 Gessner, Miss Frances, 15
 Gest, Morris, 4
 Giammella, Mrs. Josephine, 15, 27, 55
 Gibson, Miss Barbara, 43
 Glinicke, Hans, 15, 26, 55
 Goertz, Miss Gloria, 86
 "Gone but not Forgotten," illus. 21
 Gordon, Clyde, 8
 Graboski, Miss Joan, 81
 Grannis, Miss Evelyn, 85
 Grant, Cleveland P., 1, 46, 77
 Green, Mrs. Barbara, 90
 Greenberg, Mrs. Carris, 8
 Grey, Miss Katherine, 83
 Grier, Mrs. Andrew, 59, 80
 Grimes, Mrs. Mildred S., 63, 70, 72, 74, 76, 83, 85
 Grimes, Col. Willard M., 83
 Grote, August Radcliffe, 34
 Grote, Frederick, 34
 Guion, John A., 8
 Guion, Miss Susan, 8
 Gunnell, Frank E., 1, 2, 31, 39, 77
 Gunnell, Mrs. Frank, 66, 90
 Haertel, Mrs. Elizabeth, 43, 76, 85
 Haertel, Herman, 43
 Hafferkamp, H. G., 76
 Hall, Hon. Cornelius A., 70, 76
 Halloran Hospital, 89
 Halloran, William M., 70
 Handley-Greaves, Mrs. J. B., 34
 Hankinson, Dr. Frank, 9, 72
 Hannigan, Ed, 23, 39, 90
 Hansen, Gudrun, 89
 Hanssen, Mrs. J. H., 54, 80
 Harper, Dan, 23
 Hedquist, Art O., 82
 Heincken, W. P., 56
 "Heirlooms, Know Your," 38
 Heintz, Conrad, 8
 Heinzman, Mrs. Samilla J., 55
 Hemlock, Carolina, 6
 Hendey, Dr. N. Ingram, 67
 Henshaw, A. C., 8
 Herbarium, 51
 Herbarium Committee, 66, 87
 Herold, Walter, 31
 Hicks, Miss Jean Thompson, 86
 Hinkel, Mrs. Harry, 80
 Hinrichs, Miss Barbara, 15, 27
 Hinrichs, Mr. & Mrs. Hans, 50, 76
 Hoffmeyer, Mrs. A. W., 50, 70, 76
 Hoffmeyer, Mr. & Mrs. L. W., 50, 58, 76
 Holder, Ernest, 10
 Honey Locust, 6
 Honig, Wilmer, 26
 Hopping, Fred, 26
 Horn, George, 66

Horton, L. Waldo, 76
 Hugl, Mrs. Frank W., 27
 Huguenot Society of America, 9
 Hultqvist, F. W., 75, 76
 Hunn, William, 19, 23, 31, 39, 66, 90
 Ingallis, Charles A., 76
 Ingenieros, Miss Cecilia, 77
 Institute Council, 64, 72
 Institute Meetings, 2, 14, 22, 30, 38, 46, 54, 62, 77
 International Nickel Co., Inc., '13, 76
 Irish, Mrs. Olga Emma, 90
 Jackson, William, 55, 65, 81
 Japanese Rose, illus., 33
 Jaros, Ernest, 67
 Jays, North American, 57
 Johnson, Mrs. Dagmar, 8
 Johnson, Mrs. David R., 80
 Johnson, Harrison, 70
 Johnson, Laura Winthrop, 75
 Johnston, William, 55
 Johnstone, Mrs. E. D., 38, 80
 Jones, Mrs. Francis W., 35
 Jones, Miss Kae, 39, 90
 Junior Museum, 10, 35, 50, 77, 90
 Junior Museum Stamp Club, 35
 Kacik, Mrs. Betty Thomson, 86
 Kane, Miss Elsie, 51
 Kappel, Philip, 76
 Kauffeld, Carl F., 51, 87
 Kennedy, Mrs. John A., 8
 Kennedy, Thomas Livingstone, 9, 72
 Kerr, Mark B., 43, 72, 83, 85
 King, William, 76
 Kingsley, Rev. Charles Rawson, 57
 Kingsley, Mrs. Florence Morse, 57, 75
 Kirchner, Mr. & Mrs. F., 76
 Knabe, Martin J., 8
 "Know Your Heirlooms," 38, 77
 Koenig, Henry, 8
 Koestner, John, 30, 70, 87
 Kohler, Mrs. Louis, 80
 Koledo, Michael, 23, 31, 39, 66
 Kolff, Cornelius G., 70, 76
 Kolff, Miss Emily, 83
 Korndorfer, A. H., 86
 Korniloff, Mrs. Valeria, 15
 Korones, Henry, 23, 90
 Kost, Fred, 75, 82
 Kuhfahl, Mrs. Marjorie, 15, 26, 55
 Kuhn, Harry, 65, 84
 Kuhn, Mr. & Mrs. Walter, 83, 89
 Lahr, Mrs. Fred C., 23, 35, 39, 66, 90
 "Land of the Maharajahs," 63, 80
 "Landscapes by Percy Leason," 5
 Larkin, William H., 83
 Latham, Mr. & Mrs. Joseph, 83
 Lawrence, Miss Alice, 84
 Lawrence, James V., 67
 Lawter, M. P., 89
 Leason, Mrs. Isabel, 15, 55
 Leason, Miss Jean, 4, 15, 25, 26, 47, 55, 70, 77, 82

Leason, John P., 55
 Leason, Max, 10, 77
 Leason, Miss Nancy, 55
 Leason, Miss Patricia, 15, 55
 Leason, Percy, 4, 5, 15, 25, 26, 30, 42, 48, 55, 72, 73, 76, 77, 81, 82
 "Lemon Creek," illus. 5
 "Lemon Creek Meadows," illus. 53
 Leng, Robert M., 70
 Lecnowens, Mrs. Anna, 18, 74
 Lesch, Carl William, 85
 Lewis, Clarence McK., 58, 76
 Library Notes, 15, 33, 48, 57, 65, 74
 Lieblein, Miss Elizabeth, 35
 "Lighthouse Hill, Richmond," illus. 31
 Linden, European, illus. 7
 Locust, Honey, 6
 Loeffler, Mrs. Oscar, 5, 76
 Long, Miss Emilie O., 50, 76
 Long, Miss Sara, 90
 Love, Edward L., 63, 70, 72
 Lowell, Charles Russell, 75
 Lowell, James Russell, 75
 Lueckoff, Mrs. August, 27
 Lumsden, Mrs. W. A., 83
 "Lure of Old Bibles," 27

 McCoy, W. J., 89
 McCracken, Mrs. Dorothy A., 70, 74
 McCulloch, Dr. & Mrs. E. C., 83
 McFarlane, Mrs. Ann, 9
 McGowan, Miss Eileen, 75
 MacIntyre, Mrs. Marian, 85
 McKee High School, 71, 76
 McMillen, Loring, 38, 41, 70, 74
 McNamara, Alfred, 4, 15, 26, 39, 45, 47, 48, 55, 81, 82
 McNeill, Mrs. Leslie, 76
 McSorley, Mrs. Camille, 75
 MacDonald, Mrs. Robert G., 50, 55, 76
 Mackie, Miss Euphemia, 9
 Magnolia, 7
 Magruder, Donald D., 50, 76
 Mahler, Miss Martha, 9, 15
 Major, Mrs. John, 55, 65
 Mallen, James J., 72
 Maple, 6
 Marchena, F. S., 55
 Mardus, Frederick, 82
 Marforio, Miss Elsie, 23, 35, 66
 Marheineke, W., 27
 Marshall, Mrs. Eleanor, 15, 55, 76
 Martin, George, 42, 43, 63, 70, 77, 85
 Martin, Mrs. Margaret M., 31
 Mase, Miss Carolyn C., 76
 Massa, William, 82
 Mathewson, Miss Hope, 9
 Mathewson, Robert, 9, 10, 26, 35, 50, 51, 55, 58, 66, 70, 74, 76, 77, 80, 88
 Membership, 8, 27, 35, 65, 72
 Merrick, Harold E., 71
 Merriman, Miss Mabel, 75, 76
 "Mersereau's Valley," 8
 Mertens, Robert, 89
 Meschenmoser, Mrs. F., 9
 Meshko, Mrs. Nadine, 76

"Messiah," 11, 22
 Metropolitan Camera Club, 23, 90
 Meyer, Robert, 51, 58, 87, 88
 Meyer, W. N., 86
 "Microscope in Plant Study," 43
 Microscopical Society of San Francisco, 18
 Miller, Mrs. Agnes V., 9, 76
 Muntzer, John, 23, 39
 Murray, Henry J., 35, 77, 89
 Mills, Mrs. William Wirt, 76
 Milnes, Kenneth, 82
 Monroe, Miss Margaret E., 65
 Moravian Church, illus. 21
 Moses, Hon. Robert, 70, 74
 Muller, Robert, 90
 Myxomycetes, 26, 58

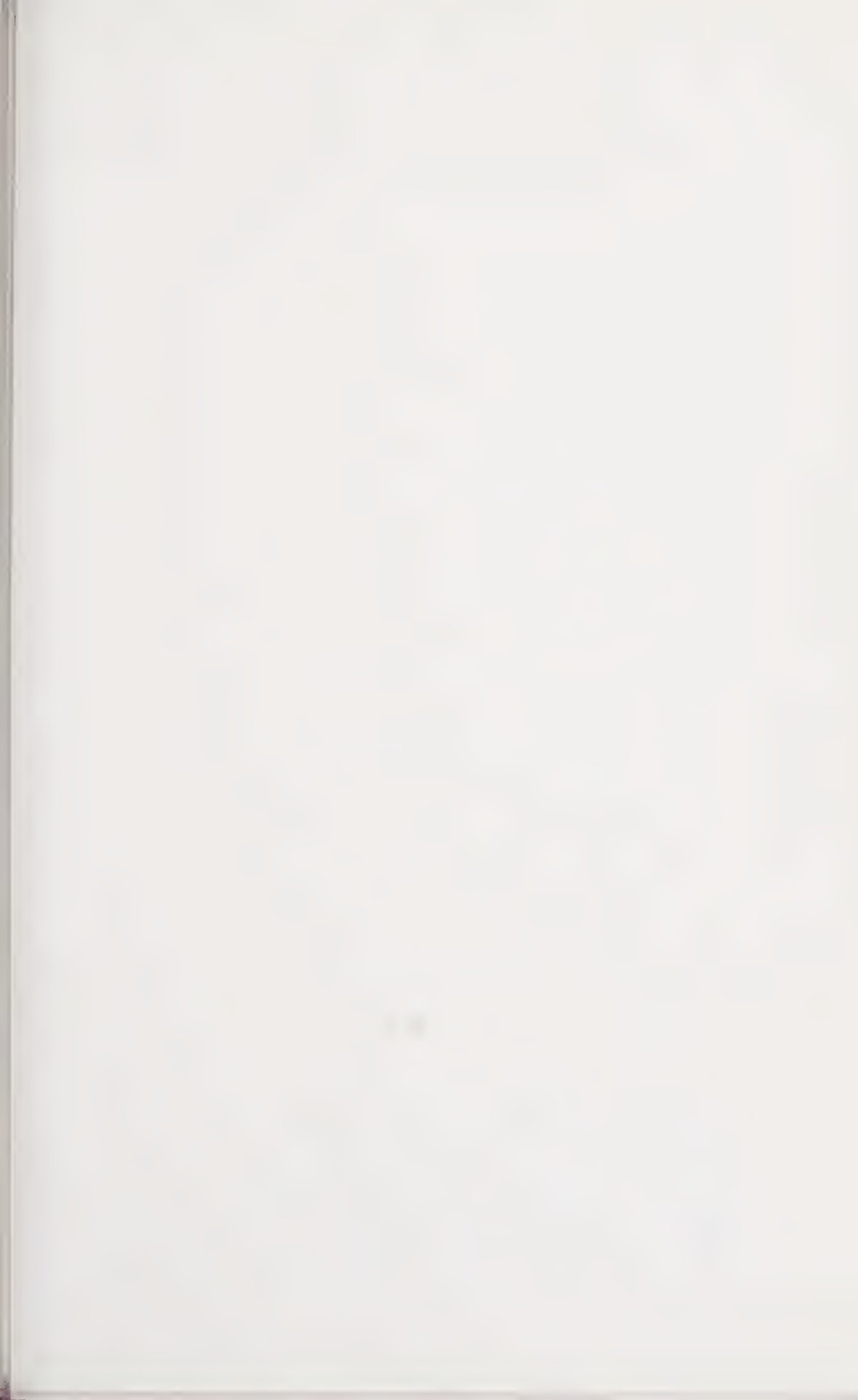
 Napier, Frank, 10
 Nascher, Mr. & Mrs. Anselm, 74, 80, 89
 "Naturalist, Junior," 10
 Natural Science Association, 56
 Natural History, Section of, 6, 8, 11, 19, 27, 35, 40, 43, 51, 58, 66, 86
 Nature Program, 6, 8, 11, 19, 27, 35, 43, 51, 58, 66,
 "Nature Snooping," 8
 Nauss, Dr. Ralph W., 64, 76
 Nauss, Mrs. Ruth, 58
 Necrology, 9, 34, 65
 Needham, George H., 18
 Nesslinger, Miss Carlita, 10
 Nesslinger, Karl, 26, 50, 64, 76, 88
 Nesslinger, Mrs. Carla E., 26, 50, 51, 70, 72, 76, 88
 Neumann, Curtis E., Art Awards, 47, 55, 65, 76, 81,
 Neumann, Mrs. Curtis, 26
 Neumann, Mr. & Mrs. Joseph, 76
 Neuschwander, E. P., 76
 New Dorp High School, 85
 N. Y. Botanical Garden, 76, 88
 N. Y. Historical Society, 76
 N. Y. Microscopical Society, 51, 54, 67, 84
 Niedermair, George, 35
 Nikko Fir, 6
 Norwegian Art & Craft Exhibit, 61, 64, 81
 Novick, Miss Anne D., 9

 O'Brien, Steve, 89
 O'Connor, Robert J., 26, 34, 43, 51, 58, 59, 67, 70, 84, 85
 O'Donovan-Rossa, M., 75
 O'Dwyer, Hon. William, 70, 74
 Officers, 70
 Olmstead, Frederick Law, 6
 "On The Trail of Congo Jim," 11
 Orange, Trifoliate, 7
 Ordeman, Herman W., 72, 76, 83
 Oratorio Society, (See S. I. Oratorio Society)
 Ormsbee, Tom, 38, 77
 Orton, Mrs. William C., 76
 Ostrander, Katherine, 35

- Owen, Walter, 31
 Owens, Dr. A. H., 50, 76
- Packer, Miss Rosalie M., 84
 Pallister, John C., 30
 Palma, Hon. Joseph A., 70, 76
 Parke, Mrs. David T., 54
 Pasture Rose, 32
 Pearson, Charles A., 39
 Pease, Miss Mary L., 27
 Pelley, Frank, 90
 Perrine, Mrs. Harvey, 38, 80
 Philatelic Society, 35, 75, 88
 Philip, Mrs. Edward C., 75, 76
 Phillips, Mrs. Helga, 80
 Photographic Society of America, 90
 Photomicrograph, illus. 54
 "Photomicrography of Diatoms," 34
 Pignata, Miss Carmela, 90
 Pine, Scrub or Virginia, 7
 Pinney, Roy, 66, 90
 Plant Census, 19, 27, 35, 43, 51, 58, 64, 66, 87
 Plant Sale, 74, 88
 Politico, Philip, 15
 Pollard, Miss Agnes Lyman, 9
 Porter, Robert, 89
 Port Richmond High School, 85
 Pouch, Mrs. A. C., 57, 75, 76
 Proceedings, (S. I. Inst.,) 30
 Procter, William, 76
 Purple Beech, 7
- "Quiet Pond," illus. 25
- Rabbage, Lewis H., 82
 Raichle, Mrs. Louise, 86
 Rapp, William F., Jr., 30
 Raspberry, 16
 Reddy, Raymond Jr., 82
 Radjives, Casimir, 39, 51, 58, 65, 88
 Redjives, Mrs. Casimir, 9
 Renfield, Mrs. Gladys, 50
 Renfield, Mrs. Kathryn, 76
 Ribes, Miss Nieves, 72, 77
 Richardson, Frank, 85
 Richardson, Mrs. Frederick F., 80
 Richmond Floral Company, 43, 86
 "Richmond Light," illus. 23
 "Richmondtown," illus. 13
 Rittenhouse, Paul, 67
 Rodriguez, Mrs. Katherine, 55, 65
 Roland, Jay, 4, 15, 81
 Ronning, Mrs. Olaf, 76
 Root, Hinman, 43, 77, 83
 "Roses - Flowers of Our Fields," 16, 32
 Ross, Miss Janet, 26
 Rostad, Gunnar M. A., 65
 Röstad, Mrs. Thorbjorg, 61
 Rothacker, Mrs. Ruth, 85
 Roubian, Levon, 23, 90
 Rowe's School, Clifton, 34
 Rue, Mrs. Margaret K., 55
 Rundlett, Edwin A., 6, 35, 40, 51, 58, 63, 64, 66, 74, 77, 87, 88, illus. 69
 Rundlett, Mrs. Edwin, 65
- Russell, Harry A., 85
- Safford, Raymond M., 83
 Sailor's Snug Harbor, 6, 76, 88
 Sanchez, Carl, 23, 90
 S.A.R., S. I. Chapter, 76
 Scales, Victor, 90
 Schaefer, Mrs. Carl, 80
 Schaughency, Mr. & Mrs. Charles B., 39
 Schmidt, Andrew, 10, 77
 Schnell, Dr. Leona O., 27, 58, 66, 87
 School Art, Exhibition of, 48, 82
 School Art League, 48, 82
 Schools, 74, 77, 81, 85
 Schultz, Fred W., 89
 Schüssler, Miss Amy, 64, 76
 Schüssler, Miss Clara, 64, 76
 Schwing, Mrs. Casper, 80
 Science Club, 76, 77, 85
 Seehusen, Ernest H., 75
 Seely, Mrs. Sherwood, 86
 Segman, Miss Libbie, 15, 55, 65, 81
 Section of Art, 4, 14, 15, 25, 39, 47, 53, 55, 81
 Section of Natural History, 6, 8, 11, 19, 27, 35, 40, 43, 51, 58, 66, 86
 Seesselberg, Mrs. Charles, 43
 Shannon, Walter, 11, 87
 Sharrott, Mrs. J. A., 76
 Shaw, Miss Josephine, 75
 Shoemaker, Ernest, 64, 76
 Shriver, Alfred, 27, 72
 Siemering, Miss Violet, 15, 55
 "Signs of the Seasons," 11
 Simmons, Miss Louise, 43, 85
 Simons, Mrs. Isabel V., 55
 Sklenar, Frederick, 9, 15, 55
 Sleight, Mrs. Edgar, 58, 64, 74
 Slime Molds, 26
 Smith, Mr. & Mrs. Hartley L. H., 83
 Smith, John Frederick, 64, 76
 Smith, Miss Narelle, 26
 "Some Interesting Trees," Part III, 6
 Spear, Mrs. Alice B., 50, 76
 Spear, Robert D., 58, 76
 Spender, Fred, 82
 Sperrle, Mrs. Oscar, 64, 76
 Springs, Mrs. Jackson, 54, 80
 Stackman, Albert, 76
 Staff, 70, 73
 "Staffordshire China in Home Decoration," 38, 80
 Stamp Club, Junior, 35, 77
 Stanley, Robert C., 72
 S. I. Camera Club, 19, 21, 23, 31, 39, 50, 59, 66, 81, 89
 S. I. Cancer Committee, 85
 S. I. Chamber of Commerce, 82
 S. I. Civic Symphony Orchestra, 85
 S. I. Day School, 71, 76, 85
 S. I. Historical Society, 9
 "S. I. Letter, 1842", 23
 S. I. Microscopical Society, 18, 26, 34, 43, 51, 54, 59, 67, 77, 84, 85
 S. I. Oratorio Society, 11, 22, 43, 63, 76, 77, 85

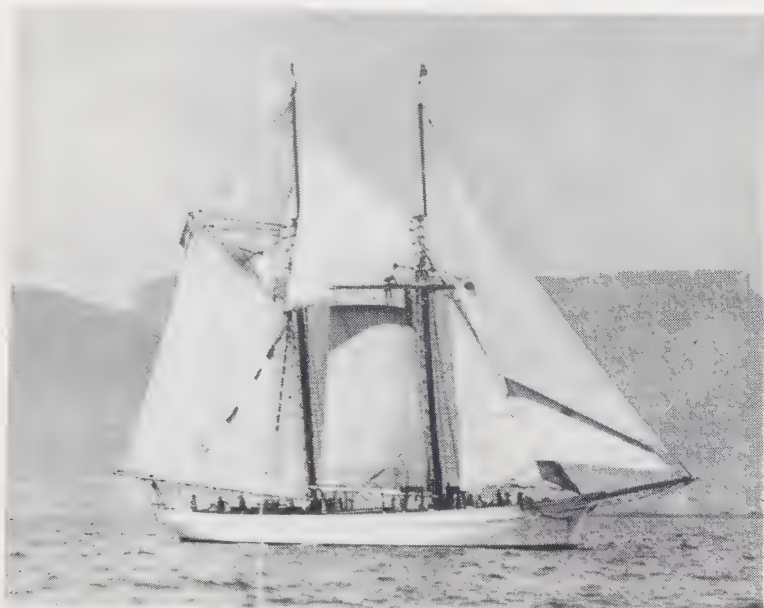
S. I. Philatelic Society, 35, 75, 88
 S. I. Railway, 34
 S. I. Teachers Association, 42
 "S. I. Wildflowers," 58
 S. I. Zoological Society, 85
 Steadman, Mrs. Christopher, 84
 Stern, Dr. Adolph, 9
 Stirn, Mrs. Edmund, 9
 Stoddard, Charles C., 70
 Stone, Mrs. Charles, 35
 Stone, Medad, E., 9, 72
 Stothers, Edward M., 63, 70, 72
 Stowell, Miss June, 77
 Strauss, Dr. Frank A., 9, 26, 34, 58, 70, 76, 84
 Strawberry, 16
 Strecker, F. G., 9
 Strohmeier, Charles, 83
 Stryker, Mrs. Miriam C., 3, 39, 87
 Stumpp, Edwin A., 9, 50, 76
 Stumpp, Mrs. Edwin A., 50, 76
 Sullivan, William D., 31, 35, 39, 66, 77, 90
 Sunderman, Miss Marjorie, 11, 70, 72, 85, 86
 Sutter, Mr. & Mrs. Leonard L., 83
 Swamp Magnolia, 7
 Sweetbay, 7
 Sweetbrier, 32
 Taber, Mrs. H. F., 80
 Taleporus, Plato, 48, 82
 Tanner, T. L., 27
 Taylor, Hollis, E., 9
 Tellefsen, Mrs. Ester Dahl, 15, 26, 27, 55
 Terres, John K., 11
 "The Creation," (Haydn), 63
 "The Kelp Gatherers," 81
 "The Microstructure of Volcanic Glasses," 18
 "The Starling at St. George," 56
 "The Surucucho," 30
 Thein, Peter, 51, 59, 84
 "Thirteenth Century Christmas Carols," 27
 Thompson, John C., 34
 "Timberline Trails from Mexico to the Yukon," 29, 77, illus. 30
 Titmouse, 57
 Torrey, Mrs. A. J., 65
 Trachsel, Mrs. Mae, 80
 Treasurer's Report, 78
 Treble Choral Ensemble, 86
 Trees, 6, 58
 Trustees, Board of, 27, 63, 64, 70, 72
 Tysen, Miss Ruth G., 15, 55
 Ustalo, Mrs. Helen, 27, 55

U. S. Marine Hospital, 85
 Van Blerkon, Solomon, 70
 Van Cleaf, Edward, 81
 Van Dyck, Omon L., 15, 55
 van Pelt, Miss Myrte, 59, 80
 Van Riper, Lydecker, 9
 Varon, David, 15, 55, 76
 Verpillot, Emil A., 82
 Vogt, Alex, 90
 Von Bevern, Mrs. Joseph, 26, 58, 76
 Vondran, Miss Inge, 85
 Voorlezer's House, 9, 13, illus.
 Waechter, Mrs. Carl, 26
 Wagner College, 11, 50, 72, 85
 Wagner College Choir, 63, 85
 Wallich, Alfons, 39, 66, 90
 Wallich, Miss Gloria, 90
 Wallich, Lawrence, 90
 "Wall Paper and Home Decoration," 59
 Walthall, Miss Margaret V., 9, 58, 76
 Wedel, John F., 39
 Weeping Birch, 7
 Weingartner, Miss Elizabeth, 43, 85
 Weingartner, Miss Mathilde, 39, 50, 51, 58, 75, 76, 77, 87, 88
 Weiss, Harry B., 76
 Wengenroth, Stow, 25, 81
 Westerleigh Garden Club, 64, 76
 "While the Earth Remaineth," 1, 77, illus. 2
 Whip-poor-will, 4
 Whitaker, Frederick, 4, 15, 55, 81
 White, Miss Adelaide, 50, 76
 White, Mrs. F. Winthrop, 25, 50, 55, 76
 Whitmore, Miss Clara H., 75
 Whitney, Miss Phyllis, 42, 76, 77
 "Wideawake Fair Invaded," 11
 Wilbur, Mrs. Theodora Peck, 9, 45, 26, 55
 Willcox, Mrs. William G., 18
 "Willow Hill," 42
 Wilmott, George B., 30
 Wilson, Capt. John, 70
 Wiman, Mrs. H. D., 9
 Winant, W. M., 76
 "Wings over Ireland," 35, 80
 "Wings over Latin America," 35, 80
 Winter, George, 76
 Winthrop, Theodore, 74
 Witte, Mrs. H. A., 50, 76
 Woman's Auxiliary, 19, 27, 35, 38, 51, 54, 59, 63, 64, 72, 76, 80
 Yellow Breasted Chat, 4
 Young, Robert, 23, 39, 66, 90



MUSEUM BULLETIN

VOLUME XXX, No. 1 — OCTOBER, 1947



The Schooner, "Yankee," at Cape Town, South Africa
From, "Sailing to See" by Commander Irving Johnson.
William T. Davis Memorial Lecture, October 12, 1947.

OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

YOU AND YOUR FRIENDS
ARE CORDIALLY INVITED TO ATTEND THE
MUSEUM OPEN HOUSE

Sunday, October 12, 1947

2 P.M. Reception to open the Annual Exhibition of Work by Artist Members.

4 P.M. "Sailing to See," the first William T. Davis Memorial Lecture. Commander Irving Johnson and his splendid colored motion pictures of the world cruise in the schooner, Yankee. To be held in the Staten Island Day School Auditorium.

Special Museum Exhibits

THE YEAR AHEAD

During the summer our building has been redecorated and some improvements made in exhibition and library space. We are very pleased with our spruced up appearance and want all our members to enjoy the freshness of the decoration before our rapidly growing collection of juvenile fingerprints obscures its newness. Consequently we have planned a "Museum Day" to open the new season for the afternoon of Sunday, October 12. We invite you and your friends to be present.

At two o'clock a reception will open the Annual Exhibition by Artist Members and with a larger display space available Mr. Leason, the President of the Section of Art, looks forward to the finest of our local exhibitions. Then, at four o'clock in the auditorium of the Staten Island Day School, we shall have our first William T. Davis Memorial Lecture, "Sailing to See," by Commander Irving Johnson. This is the thrilling colored motion picture of the world cruise of the famous schooner, "Yankee," one of the outstanding programs, and Commander Johnson is recognized as a leading lecturer. He is available this fall for only a brief period before starting on another cruise and we are fortunate to have him open our season.

While we are speaking of lectures you may want to note the following dates on your "coming events" pad.

MUSEUM BULLETIN of the Staten Island Institute of Arts and Sciences, Vol. XXX, No. 1, October, 1947. Published monthly, except June, July and August, by the Staten Island Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island, N. Y., and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912. Roswell S. Coles, Editor.

- October 29—PRESIDENT'S RECEPTION AND TEA of the Woman's Auxiliary
- November 1—ARTISTS' CARNIVAL
- November 12—66TH ANNIVERSARY INSTITUTE DINNER —
Dr. Frank Guy Armitage
"Dickens and His Queer Folk"
- December 18—CHRISTMAS CONCERT by the S. I. Oratorio Society
"Bach's "Christmas Oratorio"
- January 17—WILLIAM T. DAVIS MEMORIAL LECTURE —
Maynard Malcolm Miller
"Yahtsetasha, North America's Greatest Ice Mountain"
- February 21—INSTITUTE LECTURE — Col. Edwin H. Cooper
"Palestine Today"
- March 13—WILLIAM T. DAVIS MEMORIAL LECTURE —
Dr. Alfred M. Bailey
"Mormon Land"
- April 17—18TH ANNUAL MICROSCOPICAL EXHIBITION
- May 15—WILLIAM T. DAVIS MEMORIAL LECTURE — Curtis Nagel
"Ireland"

Adult courses will have started by the time you receive this *Bulletin* but it will not be too late to join a class. Three new subjects are offered: "Beethoven's Piano Works," illustrated by Mr. Martin; Photography by Mr. Mathewson and members of the Camera Club and "Fiction Writing" by Miss Whitney. If you have youngsters they may enjoy stamp collecting or some other hobby.

Then there is a host of other interesting activities from art to zoology carried on in our sections. These are announced monthly in the *Bulletin* as are special lectures and programs. Enthusiasts tell us that like the rest of life we get the most out of the things at which we work the hardest and maybe we are missing something important in life if we don't give ourselves wholeheartedly to some inspiring activity such as nature study, music, art, or literature.

FUN AT THE ARTISTS' CARNIVAL

Saturday, November 1, 1947

Staten Island Day School

8:15 P.M.

Admission \$.90 inc. tax

Music
Sketches
Booths



Auction
Dancing
Refreshment

Spend a few casual hours looking at the museum exhibits. We change them regularly for your pleasure and enjoyment. We add new books and magazines to the library each week and we are always tucking away bits of information about Staten Island which you may find useful.

We feel that the Institute is doing an important work on Staten Island. As members you are participating in this valuable community service and deriving enjoyment from your membership. You can help by encouraging others to take part in our programs and in becoming members. With a limited budget for advertising we must rely on members to interest other Staten Islanders in our activities. Particularly in our free lectures we can accommodate hundreds more before we shall outgrow the facilities of McKee or Curtis High Schools. Only with your help can we effectively increase our usefulness on Staten Island.

R.S.C.

NESTING BIRD CENSUS

Mathilde M. Weingartner

Six observers covered the woodlands, fields, marshes and beach areas of Staten Island on Sunday, June 15th from early dawn to dusk to take the annual nesting census. Sixty-six species were observed during the day, most of them breeding here. Many nests and young birds were seen as well as adults carrying food to their young. The count compares favorably with the 54 species observed in 1946 but below the 104 in 1945.

Observers were: Carlton Beil, Howard H. Cleaves, Lee A. Ellison, Robert Mathewson, Casimir Redjives and the writer. They covered large areas of Staten Island on foot and invaded many quiet and remote sylvan retreats and secluded meadows.

Many Staten Islanders fail to realize the splendid opportunity we have of observing not only woodland birds but those of the field, marsh and shore as well. We are fortunate in living in a community that offers this opportunity.

The outstanding event of the day was the discovery by Mr. Cleaves of a pair of Tree Swallows over a boggy pond in Huguenot. These birds have never been reported as nesting here, but may have found suitable housekeeping space in a hollow tree or nearby birdhouse.

Another unusual discovery was that of a colorful Rose-breasted Grosbeak in Egbertville. This bird, though nesting in nearby New Jersey, has not been recorded as nesting here. It was discovered singing in a bare tree with a singing Baltimore Oriole for company. Mr. Cleaves came upon a pair of Towhees scolding and when he approached the nest found it empty, with signs of recent occupancy. A black snake scurrying away in haste indicated a nice Sunday dinner, the fate of many new born birds.

Mr. Beil flushed a Clapper Rail in the Oakwood meadows. The nest contained two white stones as well as the eggs. Mr. Ellison observed a Black Duck with four young swimming across a pond and Mr. Mathewson reported the song of the Warbling Vireo, a bird which used to be much more frequent on Staten Island than at present.

The full list of birds observed may be examined in the records of the Section of Natural History in the Museum library.



Jugs from Collection of Mrs. Elliot Burgher

THE BURGHER COLLECTION

Jean Leason

One of the most unusual exhibits on display in the Museum is one of 34 historical jugs lent by Mrs. Elliott Burgher. This collection, gathered over a period of 15 years from many sources, will repay careful study both from the aesthetic and historical viewpoint. With the limited space in our building we are fortunate to be able to enjoy such an important collection.

Perhaps the most interesting piece is a copper lustre jug, ca. 1790, showing Cornwallis resigning his sword at Yorktown. On the reverse is a portrait of Lafayette with laurel crown held by two figures representing Victory and Fame. H. Hudson Moore in his *Old China Book* states that this jug is admirable in shape, proportion, color and decoration and far in advance in a certain noble simplicity of many of the present day shapes. He also calls attention to the historical fact that Cornwallis actually was not present at the surrender but had delegated General O'Hara to deliver the sword which was received for General Washington by General Lincoln. Mrs. Burgher had long been interested in this jug and after a long search she was pleased to find it on Staten Island.

Another jug is the oldest in the collection, made by Whieldon, ca. 1760. Whieldon was considered the best known potter of his day and had a wide reputation. He became a partner of the famous Wedgwood in 1754. This piece is tortoiseshell ware with a graceful double handle.

The Wedgwood pieces represent three styles, a cauliflower ware cream and green jug, produced before the most famous Wedgwood period; a black basalt helmet style pitcher, ca. 1790, marked Wedgwood and a later piece, ca. 1820, with beautifully modeled medallions in brown and white.

Wedgwood had two famous students, Adams and Spode. Adams is represented in the collection by an exquisite blue and white jug with a silver band, ca. 1800, and Spode by another beautiful piece with a hunting scene in white raised figures of hunters, horses, dogs and deer on a blue background.

There are several Staffordshire pieces. One commemorates the visit of General Lafayette to the United States in 1824 with portraits of Washington and Lafayette. This is of particular interest to Staten Island as Lafayette came to Staten Island and was the guest of Governor Tompkins on this visit. Mr. Davis has written an account of Lafayette's visit in the *Staten Island Historian* (Vol. 1, No. 3). Among other Staffordshire jugs are three varieties of mask jugs elaborately decorated in colors.

Mrs. Burgher's collection also contains a fine example of Prattware, two Sunderland jugs, a Lowestoft cider mug, a Meissen jug and a Liverpool jug.

LIBRARY NOTES

Books which school-children of a century ago had to study, are on exhibit on the main floor of the Museum during this back-to-school period. A copy of Lindley Murray's famous English Reader, published in 1819, once belonged to Elizabeth Crocheron, who wrote her name on the fly-leaf in 1825. "Manesca's Oral System" of studying French belonged to the late Charles W. Leng, and is loaned by Mrs. Robert Leng. Two school geographies are neatly covered with gingham to protect their binding. One of these belonged to the sister of the late William T. Davis, Miss Bessie Davis, and the other presumably either to her or to Mr. Davis. A French manual of geography, published in 1777 contains the cautious statement that "the earth is of a round form, according to the most common opinion;" and there is also a German atlas, the date missing, but evidently very old.

NEW MEMBERS

We are happy to welcome the following new members of the Institute: Mrs. Margaret Beyer, Harry G. Blazier, Lawrence Cianchetta, Nicholas De Bello, Miss Jenny De Matteo, Arthur A. De Waters, Thomas Fiorini, Mrs. Percy W. Gatz, Mrs. George H. Halbert, Mrs. Frank Hammel, Edward Jacobson, Harry A. Jacot, Miss Kae Jones, Mr. & Mrs. Paul Kovar, Raymond Kowell, Albert Lawler, Robert Le Blanc, Mrs. Norman Lowes, Miss Carmela Pignata, Dr. M. B. Radding, Mrs. Marie Ronning, Mrs. Mildred Rudolph, Mrs. Augusta Sibulkin, William A. Sorensen, William P. Uhler, Mrs. Harold T. Van Duzer, Miss Elizabeth Vosburgh, Phyllis A. Whitney.

STATEN ISLAND MICROSCOPICAL SOCIETY

Joseph F. Burke

Meetings will be resumed on Wednesday, October 1, with reports from members on summer activities and a talk by Dr. Frank A. Strauss on Coated Optics. During the period of the war the coating of the surfaces of the lenses on cameras and field glasses came into general use. Increased efficiency resulted through transmission of much of the light formerly reflected. The possibilities of the use of this process in connection with microscope optics is awaited with great interest.



Botanical Research at Nature Study Meeting

OCTOBER NATURE PROGRAM

The Section of Natural History continued its activities during the summer months and takes this opportunity of inviting anyone interested in Nature to take part in our fall program. You will find a warm welcome awaiting you at any nature event.

FIELD TRIP, Saturday, October 11, 2:30 P.M. The walk will start at the Pleasant Plains railroad station and proceed through the Mt. Loretto property to the beach and return to Hylan Boulevard. The October walk is usually the most beautiful of all the year.

STUDY GROUP, Tuesday, October 14, 8 P.M. in the Museum. Serious study of Staten Island nature, particularly things observed on the monthly walk. The Plant Census Committee will meet as usual at 7:15.

MONTHLY MEETING, Saturday, October 25, 8 P.M. Mr. I. C. G. Cooper will present beautiful kodachrome slides and talk, "So We Went to Washington."

BRITTON COTTAGE MEMORIAL GARDEN FUND

We acknowledge with gratitude a donation of \$91.00 representing the cost of a survey of the Britton Cottage property by the City Surveyors, North, Allison and Ettlinger, through the kindness of Carl Ettlinger.

WOMAN'S AUXILIARY RECEPTION

The President's reception and tea, to open the new season, will be held at 2 o'clock on Wednesday, October 29 in the museum. A program of music has been provided by a committee of which Mrs. C. Payne Sheltman is chairman. Mrs. Anselm Nascher, President of the Auxiliary, will preside. All ladies are invited.

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

CALENDAR — OCTOBER, 1947

1—Wednesday	— 7:30 P.M.	Professional Fiction Writing Course
	— 8:00 P.M.	S. I. Microscopical Society
	— 8:00 P.M.	Professional Engineers
	— 8:30 P.M.	S. I. Camera Club
2—Thursday	— 8:00 P.M.	Beethoven's Piano Works
3—Friday	— 8:00 P.M.	Techniques and Drawing of the Figure in Life
4—Saturday	— 2:00 P.M.	Landscape Sketching Group
6—Monday	— 8:00 P.M.	S. I. Oratorio Society
	— 8:00 P.M.	Oil Painting
7—Tuesday	— 8:00 P.M.	Nature Study
	— 8:30 P.M.	Treble Ensemble
8—Wednesday	— 7:30 P.M.	Professional Fiction Writing Course
	— 8:30 P.M.	S. I. Camera Club
9—Thursday	— 8:00 P.M.	Beethoven's Piano Works
10—Friday	— 8:00 P.M.	Folk Dancing
11—Saturday	— 2:30 P.M.	Section of Natural History—Field Trip, meet at Pleasant Plains Railroad Station
12—Sunday	— 2:00 P.M.	Institute Reception and Opening of Annual Members' Exhibition in Gallery
	— 4:00 P.M.	William T. Davis Memorial Lecture at S. I. Day School
13—Monday	— 8:00 P.M.	S. I. Oratorio Society
	— 8:00 P.M.	Oil Painting
	— 8:00 P.M.	S. I. Philatelic Society
14—Tuesday	— 8:00 P.M.	Nature Study
	— 8:30 P.M.	Treble Ensemble
15—Wednesday	— 7:30 P.M.	Professional Fiction Writing Course
	— 8:30 P.M.	S. I. Camera Club
16—Thursday	— 8:00 P.M.	Beethoven's Piano Works
17—Friday	— 8:00 P.M.	Techniques and Drawing of the Figure in Life
18—Saturday	— 2:00 P.M.	Landscape Sketching Group
19—Sunday	— 3:30 P.M.	Belles Lettres Society, Home of Mr. and Mrs. W. A. Lumsden
20—Monday	— 8:00 P.M.	S. I. Oratorio Society
	— 8:00 P.M.	Oil Painting
	— 8:15 P.M.	Trustees' Meeting
21—Tuesday	— 8:00 P.M.	Nature Study
	— 8:30 P.M.	Treble Ensemble
22—Wednesday	— 7:30 P.M.	Professional Fiction Writing Course
	— 8:30 P.M.	S. I. Camera Club
23—Thursday	— 8:00 P.M.	Beethoven's Piano Works
24—Friday	— 8:00 P.M.	Folk Dancing
25—Saturday	— 8:00 P.M.	Section of Natural History
27—Monday	— 8:00 P.M.	S. I. Oratorio Society
	— 8:00 P.M.	Oil Painting
28—Tuesday	— 8:00 P.M.	Nature Study
	— 8:30 P.M.	Treble Ensemble
29—Wednesday	— 2:00 P.M.	Woman's Auxiliary, President's Reception and Tea
	— 7:30 P.M.	Professional Fiction Writing Course
	— 8:30 P.M.	S. I. Camera Club
30—Thursday	— 8:00 P.M.	Beethoven's Piano Works

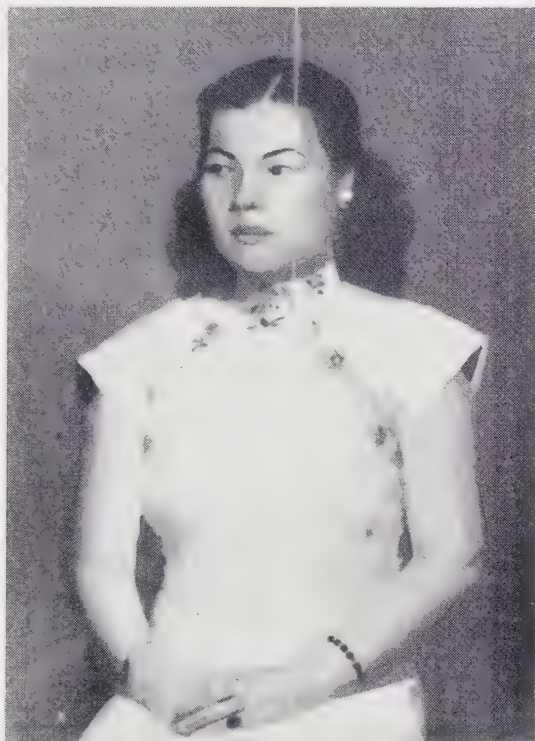
NOVEMBER 1 — ARTISTS' CARNIVAL

JUNIOR MUSEUM ACTIVITIES

SENIOR SCIENCE	— Tuesdays	Mr. Robert Mathewson
OIL PAINTING	— Wednesdays	Miss Jean Leason
ELEMENTARY DRAWING	— Thursdays	Miss Jean Leason
MOTION PICTURES	— Fridays	Mr. Robert Mathewson
BIOLOGY GROUP	— Saturdays, 10 A.M.	Mr. Robert Mathewson
JUNIOR STAMP CLUB	— Saturdays, 10 A.M.	Mr. Henry J. Murray
JUNIOR ORCHESTRA	— Saturdays, 10 A.M.	Prof. John Bainbridge
JUNIOR PHOTOGRAPHY	— Saturdays, 2 P.M.	Mr. William Sullivan

MUSEUM BULLETIN

VOLUME XXX, No. 2 — NOVEMBER, 1947



"Portrait of Yang-Fei"
Oil by Jean Leason
from the Annual Exhibition by Artist Members
October 12 — November 12, 1947

OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

SIXTY-SIXTH ANNIVERSARY DINNER

Wednesday, November 12th, 1947 — 7 P.M.

at the Meurot Club, \$2.50

The entertainment will be an exceptional combination of humor and artistic talent. DR. FRANK GUY ARMITAGE will present his brilliant program, "DICKENS AND HIS QUEER FOLK." Dr. Armitage has appeared twice on Staten Island and has met with great approval. You will enjoy his unique character sketches.

Please make reservations at the Museum before Friday, November 7. Checks accompanying reservations should be made payable to the Staten Island Institute of Arts and Sciences.

MUSEUM OPEN HOUSE

The Open House held on October 12 seemed to fill an important place in the life of our Island. The Woman's Auxiliary, seven sections and four affiliated societies combined to provide an afternoon of keen interest to 525 members and visitors. Twelve special exhibits illustrated the work of the Institute groups and others showed special activities and interests carried on by the Museum and staff. The Exhibition Committee consisted of the presidents and other representatives of group members, numbering 57 individuals, who arranged exhibits and acted as guides during the Open House.

At the William T. Davis Memorial Lecture Dr. James B. Chapin welcomed the audience of 400 persons and paid tribute to the memory of Mr. Davis whose birthday occurred October 12, 1862. The Director outlined the activities of the Institute.

Mark B. Kerr, President of the Institute Council, introduced the presidents of our Institute groups: Woman's Auxiliary, Mrs. Anselm Nascher; Section of Art, Percy A. Leason; Section of the Dance, Miss Elizabeth Root; Section of Literature, Belles Lettres Society, Mrs. Leonard Sutter; Section of Microscopy, S. I. Microscopical Society, Joseph F. Burke; Section of Music, S. I. Oratorio Society, Dr. John R. Bacher; Section of Natural History, Edwin A. Rundlett; Section of Photography, S. I. Camera Club, William Hunn; Fortnightly Club of S. I., Mrs. Christopher Steadman; Richmond County Chapter, N. Y. State Society of Professional Engineers, Emil Verpillot; S. I. Philatelic Society, Walter Kuhn; Treble Ensemble, Mrs. Louis Raichle.

MUSEUM BULLETIN of the Staten Island Institute of Arts and Sciences, Vol. XXX, No. 2, November, 1947. Published monthly, except June, July and August, by the Staten Island Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island, N. Y., and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912. Roswell S. Coles, Editor.



"Cape Ann Composition"
Watercolor by Frederic Whitaker

THE ANNUAL ART EXHIBITION

Jean Leason

Eighty paintings were submitted for the annual exhibition and from these sixty-eight were selected—fifty-four oils, twelve water colors, one gouache and one lithograph. The jury, consisting of Mrs. Ester Dahl Tellefsen and Messrs. Leason, Behar and McNamara, was elected by members. The Exhibition Committee, Mr. Barbelle, chairman, assisted by Mrs. Marshall and Mrs. Leason, arranged the exhibition. There will be a special prize awarded for the most popular painting to be chosen by vote of visitors.

The following is the catalogue of the exhibition:

"Mountain Waters," "Staten Island's Cape Cod," Albert Barbelle; "The Madonna Lily," "View from Cunard Hall," Henrietta Beaumont; "Great Kills Marine Co. Dock," "Soft Sunlight, Great Kills," Ely M. Behar; "New Hampshire Uplands," "Seascape in Maine," Leslie D. Bissell; "The Silk Umbrella," "Winter Orchard," Frederick Bohrer; "Dippy Days," F. A. Busing; "Kenoza Lake Valley," LeRoy A. Busing; "A Sunday Walk," Harold Chambers; "The Old Red Barn," Lawrence Cianchetta; "Cloudy Myth, Smoky Reality," Joseph Contessa; "Lilacs," Ester Dahl; "Garrett Martling Homestead," Ida Dudley Dale; "Hydrangeas," Artemis Darson; "Still Life," Michael Diamond; "Chinese Lady Doll," "The Gray Jar," Ethel Easley; "Old Tide Mill, Richmond," Fernand O. Fingado; "Ashley's Corner, Nantucket," "Our Son Gerry," Lola Landry Gerow; "An Old House," Josephine Giammella; "Paper Flowers," Hans Glinicke; "Belfast Road," Mary T. Howe; "Backyard," "Laneville," William Jackson; "Summer Bouquet," William Johnston; "Young Artist," Doris E. Jones; "Early Morning," Valeria Korniloff; "Antiques and Autumn Berries," Isabel Leason; "Summer Bouquet," "Yang-Fei," Jean Leason; "Still Life," Patricia Leason; "Mrs. Roswell S. Coles," "Max and Diving Helmet," Percy Leason; "Color Harmony," "On Hibiscus Island, Florida," Martha Mahler; "Texas Hereford," Louise H. Major; "Summer Scene," Eleanor Marshall; "Whitehall Street," Alfred McNamara; "Morning Glories," "The Bird Bath," Elizabeth F. Nugent; "The Clayton Cottage, Silver Bay," "Paper Flowers," Joseph F. Nugent; "Princes Bay," "Casting Off," Philip Politico; "Landscape," "Winter — Catskills," Moses B. Radding; "Marsh Meadow," Katherine Rodriguez; "Wolfe's Pond," Margaret K. Rue; "Doldrums," Juan Schlatter; "Raritan River," "The Fishermen," Libbie Segman; "Great Kills Jetty," "The Back Porch," Violet Siemering; "Harry," F. A. Sklenar; "Gypsy Girl," Lena Sutera; "Naughty," William P. Uhler; "Home," Helen Ustalo; "Brattleboro Bridge," "Cape Ann Composition," Frederic Whitaker; "Home," "Raritan Bay," Thea Wilbur; "Dredge Under Outerbridge," "Outerbridge," Paul Wilke.

LIBRARY NOTES

Mabel Abbott

Forty-five periodicals and seven books have been added to the library during the past month. Among the books are three volumes by George William Curtis: *Other Essays from the Easy Chair*, *Literary and Social Essays* and *Ars Recte Vivendi*, all published by Harpers in the 1890's. These make a welcome addition to our Curtis material. We have also received *The English Governess at the Siamese Court*, by Anna H. Leonowens, published in Boston in 1870. This is one of the sources of the recent best seller, *Anna and the King of Siam*, and there is every reason to believe that it is the volume Mrs. Leonowens was writing while on Staten Island. Curtis is mentioned in the preface.

ALL DAY HIKE

The Annual All Day Hike to be held on Saturday, November 8, will start from the Museum at 9:15 A.M. and will proceed by way of Tompkinsville, Pavilion Hill, Ward and Howard Avenues, Serpentine Road, and Little Clove Valley to the intersection of Ocean Terrace and Todt Hill Road which will be reached about 11:15 A.M. The route then leads through the woods past Flag's Pond to Richmond by way of Meisner Avenue.

A hot meal will be served to the hikers at the Lighthouse Restaurant, Richmond, at 1 P.M. and in the afternoon the group will join the field trip leaving Richmond at two o'clock.

BRITTON MEMORIAL GARDEN

I. C. G. Cooper, *Chairman*

Work has progressed on fencing the Britton Memorial Garden and laying out the pool. We wish to thank Mrs. John P. Dicke and the many ladies who assisted her in the Plant Sale on September 25 and also all those who contributed plants. The sale added \$70.00 to the Memorial Garden Fund. We also wish to thank the faculty of P. S. 41 for their contribution of \$13.00 toward the cost of the fence.

We acknowledge with gratitude donations from the Staten Island Chapter, Empire State Society, Sons of the American Revolution and the following individuals: Mrs. Willard M. Grimes, Percy A. Leason, Miss Emilie O. Long, Mr. & Mrs. Joseph Neumann and Miss Katherine Sweeney.

JUNIOR MUSEUM ACTIVITIES

SENIOR SCIENCE — Tuesdays.....	Mr. Robert Mathewson
OIL PAINTING — Wednesdays.....	Miss Jean Leason
ELEMENTARY DRAWING — Thursdays.....	Miss Jean Leason
MOTION PICTURES — Fridays.....	Mr. Robert Mathewson
BIOLOGY GROUP — Saturdays, 10 A.M.	Mr. Robert Mathewson
JUNIOR STAMP CLUB — Saturdays, 10 A.M.	Mr. Henry J. Murray
JUNIOR ORCHESTRA — Saturdays, 10 A.M.	Prof. John Bainbridge
JUNIOR PHOTOGRAPHY — Saturdays, 2 P.M.	Mr. William Sullivan

INSTITUTE MEMBERSHIP

We welcome the following members who have joined the Institute during the past month: Harold Chambers, Joseph Contessa, Andrew Esterly, Mrs. I. Gluck, Mrs. Mary T. Howe, William Johnston, Alexander P. More, Mrs. Anselm Nascher, Mr. and Mrs. Joseph Nugent, Frank Ray, Mrs. H. W. Rue, Mrs. C. Dewar Simons, Mrs. Patricia Wahl, Dr. Aline Werner, and Paul Wilke.

STATEN ISLAND MICROSCOPICAL SOCIETY

Joseph F. Burke

At the final meeting of the spring season on May 7, Mr. Robert J. O'Connor spoke on Recent Developments in the Study of the Molds. On October 1 the first meeting of the fall season was held and Dr. Frank A. Strauss talked on the improvements made in optical instruments, such as microscopes, cameras, telescopes and field glasses by the fluoride coating of the lenses to reduce flare and increase their transmission powers. Mr. I. C. G. Cooper reported at the May meeting on his trip to Washington, where he called on Mr. Paul Conger, diatomist at the National Museum. At the October meeting Mr. Cooper further reported on Mr. Conger's visit to Staten Island and to our Museum during the July 4 weekend.

Mr. Cooper will speak at the meeting of November 5 on Whole Mount Technique a subject to which he has been paying considerable attention. On November 3, in Brooklyn at the Children's Museum, Mr. Burke will speak to the microscopical club there on Collecting, Preparing and Studying Diatoms. Mrs. Miriam C. Stryker, Science Curator, is in charge of this group.

Mr. Cooper is the author of an interesting article "*Gardens Under the Sea*," printed in the Fall, 1947, issue of *The Educational Focus*, published by Bausch and Lomb, a copy of which is available in the Institute library.

STATEN ISLAND CAMERA CLUB

Michael Koledo and Daniel Dennis

During November the Camera Club will swing into its winter season with a Kitten Class Salon on selected subjects of night shots on Staten Island. These prints will be judged and prizes awarded on November 5.

Our second meeting, November 12, will be a lecture and demonstration on retouching by Mrs. Gudrun McGifford whose return was asked by many members following her successful lecture last year. Color slides will be judged and those selected will be sent to the Metropolitan Camera Club Council for inter-club competition.

The Camera Club forum will be held on November 19 and plans for the Christmas Social will be made. On November 26 the monthly print competition will take place for Salon, Pre-Salon and Beginners. Judging will be by a member of the Metropolitan Camera Club Council. Four prints each from the Salon and Pre-Salon groups will be selected by the print committee and sent to the Council to pick the Print of the Month.

Meetings of the Camera Club are held each Wednesday at 8:30. Guests are welcome at the open meetings on the second and fourth Wednesdays. The Junior Camera Club meets each Saturday at 2 P.M. for young camera fans. This group is led by Mr. William Sullivan, member of the Executive Committee of the Camera Club.

NATURAL HISTORY NOTES

Section of Natural History

Edwin Rundlett, *President*

FIELD TRIP: Saturday, November 8, 2 P.M. The walk will start from the Lighthouse Restaurant, Richmond, and will include a circuit of the lowlands south of Richmond Road, finishing on Richmond Road at New Dorp.

NATURE STUDY: Tuesday, November 11, 8 P.M., in the Museum. An opportunity will be provided for people of kindred interests to get together and enjoy deeper study in their respective fields. The Herbarium Committee will meet as usual at 7:15.

REGULAR MEETING: Saturday, November 22, 8 P.M. Commodore William A. Smith, U.S. Coast Guard Auxiliary, 3rd Naval District, will deliver a non-technical lecture, illustrated with motion pictures, on "Weather on the Atlantic Seaboard Storms, Tropical Hurricanes, and Weather Forecasts." Commodore Smith is an authority on navigation and the former Commander of the Staten Island Power Squadron.

NEW YORK STATE CONSERVATION LAW IN RICHMOND COUNTY

Sergius Polevoy, *N. Y. State Game Protector for Richmond County*

The Conservation Law of the State of New York applies to the County of Richmond in the protection of both fresh and salt water fish, crustaceans, bivalves, song birds, pheasants, rabbits, mink, muskrat, squirrels, hawks, owls, pollution of waters, plumage in use for millinery purposes and for fish fly-tying purposes, meat markets, fish stores and other items, all of which must be checked for licenses, permits, illegal stocks, inventories and numerous other angles to prevent operations contrary to State legal regulation.

The Game Protector enforces State law and has no dealing with such regulations as applied through rules of the City Administrative Code, which are handled by City police. It is due to such conflicting regulations that the sporting public is sometimes confused. The State officer checks the sportsman for a hunting, fishing or trapping license, checks for illegal game, fish or fur and if everything is in order, the sportsman is dismissed with the tidings of the day. On the other hand, when a sportsman is confronted by a City patrolman, he is apprehended, if hunting, for discharging a firearm within the corporate limits of the City of New York, a violation of the Administrative Code. The police officer has the full authority as a peace officer to prosecute violations of the State Conservation Law.

The Game Protector patrols his territory, checks fields, woods, ponds, waterfronts and licenses, apprehends violators, books them for court proceedings and, finally, prosecutes his own cases. He has, however, the services of the Attorney General's staff, should he have a difficult case.

The State Conservation laws are proposed by sportsmen, sports clubs or individuals, presented to the Senate and Assembly, voted upon and become laws or are voted out. Through this method the sportsmen have a big say in what ways they desire to protect their game.

On such game as pheasant and grouse, on which birds no data can be gathered regarding abundance or scarcity before the sessions of the Legislature are completed, the Commissioner of the Conservation Department is empowered to set regulation by order. Such orders are publicized and become law and must be adhered to by the sportsmen and enforced by Game Protectors.

The season on muskrat in Richmond County has been declared closed as a result of a request by the Staten Island trapping fraternity. It was felt that the muskrat was becoming too scarce to permit another open season and still leave enough breeding stock for future propagation. The request to close the season came after the legislative bodies had adjourned and a hearing was called at the St. George Court house. Local trappers presented their findings to the board and this information was placed before the Conservation Commissioner and his staff. This executive group in Albany felt that the trappers were justified in their request and closed the season for 1948 and 1949. Normally the season opens on the first day of January.

In order to prevent illegal trapping, the season on mink, the only other fur bearing animal which is trapped in a manner similar to the muskrat, was also declared closed for the same period of time.

After a four year closed period a few years ago, some 30 local trappers took over 12,000 muskrat skins at an average value of three dollars per skin in Richmond County. The following two years showed a decided decrease in skins and the value fell off to such a degree that the trappers felt that a closed season for two years would prevent reduction in the animals at a time when prices were low, accomplishing a two fold purpose.

Waterfowl regulations are set and controlled by the Federal Fish and Wildlife Service in Washington. The states in which waterfowl gunning is practiced pass regulations to coincide with the Federal regulation so that the State Game Protectors are in a position to enforce the laws and prosecute violators. In serious cases, where commercial gunning is practiced, Federal Game Protectors are called in to prosecute on the Federal charges and the cases are transferred to a Federal Court with the Game Protector acting as the witness in the case.

Some regulations are changed from time to time to result in better methods of foolproofing. The lobster, for example, originally was measured by its overall length. The fishermen would pull the lobsters which were a trifle undersize and literally stretch them until they reached the required size. This method of measuring was abandoned for a method which was considered more practical, namely by measuring from the end of the carapace to the end of the point on the snout of the lobster. The fishermen then broke the points off many of the lobsters and claimed that the lobsters were damaged in handling. Nothing to the contrary could be proven in a court so the measurement was again changed to the present, which is from the end of the carapace or body shell to the rear of the eyesocket. This measurement cannot be tampered with and seems most practical, though the measurement in all three cases was on the same sized lobster.

It is hoped through education of sportsmen, the fishermen, hunters, trappers and all who pursue the wholesome recreation provided by the out-of-doors that the majority will be on the side of the conservationist. By these means the heritages which were handed down to us may also be passed along to future generations that they too may enjoy what we have tried to preserve for them.

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

CALENDAR — NOVEMBER, 1947

1—Saturday	—	8:15 P.M.	Artists' Carnival, at Staten Island Day School
3—Monday	—	8:00 P.M.	S. I. Oratorio Society
	—	8:00 P.M.	Oil Painting
4—Tuesday	—	8:00 P.M.	Nature Study
	—	8:30 P.M.	Treble Ensemble
5—Wednesday	—	7:45 P.M.	Professional Fiction Writing
	—	8:00 P.M.	S. I. Microscopical Society
	—	8:00 P.M.	Professional Engineers
	—	8:00 P.M.	Photography
	—	8:30 P.M.	S. I. Camera Club
6—Thursday	—	8:00 P.M.	Beethoven's Piano Works
	—	8:00 P.M.	Institute Council
7—Friday	—	3:30 P.M.	Marionette Show at S. I. Day School, sponsored by Park Dept.
	—	8:00 P.M.	Techniques and Drawing of the Figure in Life
	—	8:00 P.M.	Folk Dancing
8—Saturday	—	9:15 A.M.	All Day Hike to Richmond. Lunch at Lighthouse Restaurant, 1 P.M.
	—	2:00 P.M.	Section of Natural History—Field Trip, meeting at Lighthouse Restaurant, Richmond
10—Monday	—	8:00 P.M.	S. I. Oratoric Society
	—	8:00 P.M.	Oil Painting
	—	8:00 P.M.	S. I. Philatelic Society
11—Tuesday	—	8:00 P.M.	Section of Natural History — Study Group
	—	8:00 P.M.	Nature Study
	—	8:30 P.M.	Treble Ensemble
12—Wednesday	—	7:00 P.M.	66th Anniversary Dinner at the Meurot Club
	—	7:45 P.M.	Professional Fiction Writing
	—	8:00 P.M.	Photography
	—	8:30 P.M.	S. I. Camera Club
13—Thursday	—	8:00 P.M.	Beethoven's Piano Works
14—Friday	—	8:00 P.M.	Folk Dancing
16—Sunday	—	3:30 P.M.	Belles Lettres Society, Home of Mr. and Mrs. R. S. Coles
17—Monday	—	8:00 P.M.	S. I. Oratorio Society
	—	8:00 P.M.	Oil Painting
18—Tuesday	—	8:00 P.M.	Nature Study
	—	8:30 P.M.	Treble Ensemble
19—Wednesday	—	10:30 A.M.	Woman's Auxiliary
	—	7:45 P.M.	Professional Fiction Writing
	—	8:00 P.M.	Photography
	—	8:30 P.M.	S. I. Camera Club
20—Thursday	—	8:00 P.M.	Beethoven's Piano Works
21—Friday	—	8:00 P.M.	Folk Dancing
	—	8:00 P.M.	Techniques and Drawing of the Figure in Life
22—Saturday	—	8:00 P.M.	Section of Natural History
24—Monday	—	8:00 P.M.	S. I. Oratorio Society
	—	8:00 P.M.	Oil Painting
	—	8:00 P.M.	S. I. Philatelic Society
25—Tuesday	—	8:00 P.M.	Nature Study
	—	8:30 P.M.	Treble Ensemble
26—Wednesday	—	8:00 P.M.	Photography
	—	8:30 P.M.	S. I. Camera Club

The Museum will be closed Thursday, November 27th, Thanksgiving Day.

MUSEUM BULLETIN

VOLUME XXX, No. 3 — DECEMBER, 1947



"LE PONT-NEUF, PARIS"

From the Exhibition of Paintings by Ely M. Behar
November 23 — December 30, 1947

OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

CHRISTMAS CONCERT

BY THE

STATEN ISLAND ORATORIO SOCIETY

MONDAY, DECEMBER 15, 1947, 8:15 P.M.

AUDITORIUM OF
PORT RICHMOND HIGH SCHOOL

Innis St. and St. Joseph's Ave.

THE CHRISTMAS ORATORIO

(Christmas Portions)

JOHANN SEBASTIAN BACH

Community Christmas Carols

Chorus of 80 Voices

Soloists:

Marion MacIntyre, Soprano

Frank Richardson, Tenor

Cornelia Borgemeister, Alto

Carl William Lesch, Bass

Harry A. Russell, Organ

JOHN L. BAINBRIDGE, Director

Tickets	\$1.00 (inc. tax)
---------	-------------------

Contributors	\$2.00
--------------	--------

Tickets may be obtained at the Museum or from
members of the Oratorio Society

Students Admitted Free

The annual Christmas Concert brings to us music for the most joyous holidays and of this music Bach's "Christmas Oratorio" is perhaps the finest. It was composed in 1734 when Bach was 49 years old and written to be performed on the first, second, and third days of the festival of Christmas, on New Year's Day, the Sunday after this and on the Festival of the Epiphany. Our performance will be limited to the first three parts to allow ample time for community singing of favorite carols.

Please note that the concert will be held this year in Port Richmond High School in an effort to provide better acoustics.

DECEMBER ART EXHIBITIONS

Jean Leason

ELY M. BEHAR. An exhibition of portraits and landscapes in oil and water color by a Staten Island artist, Ely M. Behar, will be held in the gallery from November 23 to December 30.

Mr. Behar has been an Island resident for 14 years and lives at 37 Smith Terrace, Stapleton. He was born in Normandy, France, and came to the United States with his family when he was ten years old. After graduating from City College in 1912, he tried business and commercial art but after a ten year period interrupted by World War 1, in which he served as a first lieutenant in the American army intelligence, he returned to France to continue his study of painting.

After his return to this country he revisited his homeland five times and during these visits he came in contact with many leading French artists. He has held six one man shows, three of them in Paris, and his works are in many private collections both here and abroad. He became a member of the old Staten Island Art Association on his arrival here and has been a regular contributor to our exhibitions.

During the past war Mr. Behar visited Halloran Hospital weekly to make charcoal sketches of the men. At the present time he is teaching art at the Theodore Roosevelt High School and painting portraits at his Stapleton Studio.

Of his painting Mr. Behar says: "I try to put down the beauty that I see as well as I can. That, I think, is the *raison d'être* of an artist. I revere the great art of the past. I also see the beauty in the work of such Post-Impressionists as Van Gogh and Gauguin."

Mr. Behar is also a serious composer of symphonic music and one of his ambitions is to hear his music played by a great symphony orchestra.

LOLA LANDRY GEROW. An exhibition of water colors by Lola Landry Gerow is now on display in our newly decorated library and will remain through the month of December. These paintings are all of historic landmarks of Nantucket where Mrs. Gerow spent last summer.

Born in Boston, Mrs. Gerow came to the Island nine years ago and has been a member of the Section of Art for seven years. Her art training began in high school where she won a scholarship to the Boston Museum School of Fine Arts which she then attended for three years. She received her Bachelor of Arts degree from the Massachusetts School of Art and from there won a scholarship to the Harvard University Summer Art School.

Mrs. Gerow was the Director of Art in several New England schools and has exhibited at the Deerfield Valley Arts Association and the Amherst College Library, as well as exhibiting regularly with our members in their annual exhibitions.

WILLIAM R. MILLER

Roswell S. Coles

William Rickardy Miller, the artist, has recently received considerable attention from the New York Historical Society as recorded by his grand daughter Grace Miller Carlock in the *New York Historical Society Quarterly*, Vol. XXXI, No. 4, October 1947. We are particularly interested in W. R. Miller because he is the father of Captain Thomas I. Miller who has been active for many years in our Museum, particularly in microscopy and mineralogy. Captain Miller, now 92, lives at 217 Stafford Avenue, Annadale, and still maintains his interest in many branches of scientific study.

Captain Miller's father was born in England in 1818, came to this country about 1844 and after a short stay in Buffalo he settled in New York where he lived until his death in 1893. Captain Miller was born in the old house at 1 Perry Street and his father lived and worked all his life in that neighborhood. Captain Miller states that there is no record of his father ever spending a lengthy time on Staten Island even though he did sketch here.

W. R. Miller is associated with the "Hudson River School" and is particularly noted for his water colors. He was a prolific worker and has left many fine views of scenes and buildings which now constitute a splendid contribution to American history and art.

In our *Proceedings*, Vol. 9, Part 4, October, 1941, Mr. Davis has recorded one of Miller's Staten Island water colors, "The Old Lake Tide Mill," sketched August 3, 1891, perhaps for his 1000 *Gems of American Landscape*. This was a prodigious undertaking and while never completed, it did add a great deal to our knowledge of the American scene. Mr. Davis also records the engraving of the "Narrows from Staten Island, New York" from a drawing by Miller, published in *Gleason's Pictorial Drawing Room Companion*, in 1853. Four other Staten Island scenes are on exhibition at the New York Historical Society: "A Winter Scene, Staten Island," "Staten Island from Union Hill, N. J.," and two paintings of Britton's Mill.

We are indebted to Capt. Miller for the gift of a fine water color of Pompton River, N. J., done by his father in 1866, which is now on exhibition in our Museum.

MEMBERSHIP

We welcome the following to Institute membership. Mrs. Kathleen Beesting, Charles A. Barranco, Mrs. B. C. Blakie, Arthur Blanc, Mrs. R. C. Boettcher, Carole R. Bruney, Mark Carney, P. B. Chapman, Mrs. Horace G. Cobb, Nicholas Colucci, Mr. and Mrs. John E. Cullen, Herbert Flamm, George Foster, Alice E. Haughwout, George W. Haughwout, Mrs. Agnes R. Iatouro, John Picone, Miss Jane B. Rosenberg, Charles Saibene, Harry A. Schroeder, Mr. and Mrs. Richard Simmons.

THE OLD MILL, RICHMOND



In previous *Museum Bulletins* we have recorded two water color reconstructions of old Staten Island buildings by Fernand O. Fingado, that of the Treasure House in January, 1943, and the Voorlezer's House in November, 1946. Illustrated above is a third by Mr. Fingado which has received favorable attention in our Annual Exhibition.

The scene is the old tide mill and miller's house at Richmond. Mr. Fingado has based his reconstruction on the existing foundations and photographs and has been aided by Mr. Charles C. Stoddard who well remembers the old mill. It was erected about 1780 and was a familiar part of the Richmond scene until it was torn down in 1924, leaving the foundation and part of the dam as mute evidence of a once important Staten Island industry. The background shows the old Fort Hill, site of a British Revolutionary fort, and a big sycamore tree which was a landmark for many years. The Staten Island Historical Society hopes to rebuild the old mill as a part of the reconstruction of the village of Richmond.

THE ANNUAL EXHIBITION

The oil painting, "Max with Diving Helmet," by Percy Leason, received the highest number of votes for the most popular picture in the Annual Exhibition. The award was presented at the annual Institute dinner on November 12. The Annual Exhibition and prize was announced over Station WQXR on November 10 by Alma Dettinger, on her program, "Other People's Business." Mr. Leason gave a portrait demonstration on November 7 at the Annual Exhibition of the American Artists' Professional League. Over 250 members and friends attended the Artists' Carnival held at the Staten Island Day School and a fortunate combination of skits, auctions, booths and dancing provided an evening which all could enjoy.

STATEN ISLAND CAMERA CLUB

On Sunday, December 14, at 2:30 P.M. a reception will be held in the Museum for the official opening of the 11th Annual Travelling Salon of the Metropolitan Camera Club Council, which will be on display through the month of December. The exhibition consists of about 100 selected prints which have been shown in the Smithsonian Institution and many other museums throughout the country. In connection with the reception the S. I. Camera Club will hold its print judging and color slide judging.

The S. I. Camera Club is happy to announce that one of its members, Frank E. Gunnell, has been awarded an Associateship in the Photographic Society of America. Mr. Gunnell is the first person to achieve this honor in the moving picture field. He is also a Fellow of the Amateur Cinema League and he won the Hiram Percy Maxim Award for the best motion picture of 1945. At the present time he is president of the Metropolitan Motion Picture Club and is giving a course at the Brooklyn Museum. Mr. Gunnell was selected for this honor as the outstanding amateur motion picture producer in the country. He was proposed for the honor by William J. Hunn, P.S.A., and endorsed by Harvey A. Falk, A.P.S.A., of New York, and Thomas J. Fisher, P.S.A.

NATURAL HISTORY NOTES

Section of Natural History

Edwin Rundlett, *President*

Field Trip: Saturday, December 13, 2:30 P.M. Meeting at the Latourette Club House, the walk will visit the bird feeding stations in Buck's Hollow which are being rehabilitated by members of the Junior Museum under guidance of our Curator, Robert Mathewson. From there the group will proceed along the bridle path to Egbertville following the brook along Rockland Avenue.

Nature Study: Tuesday, December 16, 8 P.M. in the Museum. This meeting provides an opportunity for those interested to carry on detailed study in specific fields. The Herbarium Committee will meet as usual at 7:15.

Regular Meeting: Saturday, December 27, 8 P.M. Casimir Redjives, chairman of the Bird Committee, will give an informal talk on "Birds About Us." The talk will cover a varied field of bird activity including winter feeding, migration and a close study of summer residence.

At the meeting of October 25, Mr. I. C. G. Cooper showed about 100 kodachrome slides describing his last trip to Washington, D. C., entitled, "So We Went to Washington." Upon seeing the beautiful public buildings, memorials and artistically landscaped parks and avenues, many members recalled pleasant memories of visits to the Capitol city.

Christmas Bird Census: Sunday, December 21. Again this year a group of expert ornithologists will take an all-day count of Staten Island's winter bird residents. Mr. Redjives is chairman.

Bird Feeding: Last winter feeding was discontinued at the New Springville Sanctuary because of efforts to eradicate the Dutch Elm Tree disease and a new feeding station was set up in Buck's Hollow in Latourette Park. Both stations will be in operation this winter. Members can assist also by maintaining feeding stations at or near their homes.

WOMAN'S AUXILIARY

The Woman's Auxiliary has arranged an interesting program for the Christmas meeting on December 17. The Countess Leonardo de Murabito will visit us again to tell about Christmas customs in "America Below the Border."

Miss Dorothy Danforth, Soprano, and Mrs. Helga Phillips, with musical glasses, accompanied by Mrs. William H. Trachsel, will contribute the musical portion of the program.

STATEN ISLAND MICROSCOPICAL SOCIETY

Joseph F. Burke

On November 5, Mr. I. C. G. Cooper demonstrated his method of Whole Mount Technique, at the regular meeting of the Society. The material used was marine algae, which, by a comparatively rapid process, is brought through the various stages into permanent, stained, balsam mounts. Mr. Robert J. O'Connor projected the latest series of Kodachrome lantern slides that he and Mr. Cooper had made of sporangia and plasmodia of Myxomycetes.

At the meeting of December 3, Mr. Roswell S. Coles will speak on the serpentes of Staten Island with a view to initiating the study of them which has been a matter of discussion at several recent meetings.

NECROLOGY

WILLIAM RUTGER BRITTON. Mr. Britton was elected an annual member in 1914 and a life member in 1935. He was a generous contributor to the Britton Cottage, both in money and furnishings. His death occurred on October 30, 1947, and deprives the Institute of a loyal worker.

MRS. JOSEPH W. LATHAM. Word has been received of the passing of Mrs. Joseph W. Latham, in Nyack on November 14, 1947. Mrs. Latham was an honorary member and a former president of the Belles Lettres Society, and members of the Society recall with pleasure the many meetings held at her home on Bard Avenue.

JUNIOR MUSEUM ACTIVITIES

SENIOR SCIENCE — Tuesdays.....	Mr. Robert Mathewson
OIL PAINTING — Wednesdays.....	Miss Jean Leason
ELEMENTARY DRAWING — Thursdays.....	Miss Jean Leason
MOTION PICTURES — Fridays.....	Mr. Robert Mathewson
BIOLOGY GROUP — Saturdays, 10 A.M.....	Mr. Robert Mathewson
JUNIOR STAMP CLUB — Saturdays, 10 A.M.....	Mr. Henry J. Murray
JUNIOR ORCHESTRA — Saturdays, 10 A.M.....	Prof. John Bainbridge
JUNIOR PHOTOGRAPHY — Saturdays, 2 P.M.....	Mr. William Sullivan

Christmas Party for all young people, Friday, Dec. 19, 3:30 P.M.

Special Christmas movies will be shown, followed by games with prizes for the winners, and refreshments for all.

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

CALENDAR — DECEMBER, 1947

1—Monday	—	8:00 P.M.	S.I. Oratorio Society Rehearsal at Port Richmond High School
2—Tuesday	—	8:00 P.M.	Nature Study
	—	8:30 P.M.	Treble Ensemble
3—Wednesday	—	7:45 P.M.	Professional Fiction Writing
	—	8:00 P.M.	S. I. Microscopical Society
	—	8:00 P.M.	Professional Engineers
	—	8:00 P.M.	Photography
	—	8:30 P.M.	S. I. Camera Club
4—Thursday	—	8:00 P.M.	Beethoven's Piano Works
5—Friday	—	8:00 P.M.	Techniques and Drawing of the Figure in Life
	—	8:00 P.M.	Folk Dancing
8—Monday	—	8:00 P.M.	S.I. Oratorio Society Rehearsal at Port Richmond High School
	—	8:00 P.M.	S. I. Philatelic Society
	—	8:00 P.M.	Nature Study
	—	8:30 P.M.	Treble Ensemble
10—Wednesday	—	7:45 P.M.	Professional Fiction Writing
	—	8:00 P.M.	Photography
	—	8:30 P.M.	S. I. Camera Club
11—Thursday	—	8:00 P.M.	Beethoven's Piano Works
12—Friday	—	8:00 P.M.	Folk Dancing
13—Saturday	—	2:30 P.M.	Section of Natural History — Field Trip, meet at Latourette Club House
14—Sunday	—	2:30 P.M.	S. I. Camera Club, Reception
15—Monday	—	8:15 P.M.	S. I. Oratorio Society Concert at Port Richmond High School
16—Tuesday	—	8:00 P.M.	Section of Natural History — Study Group
	—	8:00 P.M.	Nature Study
	—	8:30 P.M.	Treble Ensemble
17—Wednesday	—	10:30 A.M.	Woman's Auxiliary
	—	7:45 P.M.	Professional Fiction Writing
	—	8:00 P.M.	Photography
	—	8:30 P.M.	S. I. Camera Club
18—Thursday	—	8:00 P.M.	Beethoven's Piano Works
19—Friday	—	8:00 P.M.	Techniques and Drawing of the Figure in Life
	—	8:00 P.M.	Folk Dancing
21—Sunday	—	3:30 P.M.	Belles Lettres Society, Home of Mr. and Mrs. Walter Kuhn
	—	All Day	Section of Natural History, Christmas Bird Census
22—Monday	—	8:00 P.M.	S. I. Philatelic Society
25—Thursday	CHRISTMAS		Museum Closed
27—Saturday	—	8:00 P.M.	Section of Natural History

The Museum will be closed all day, Christmas, December 25.

MUSEUM BULLETIN

VOLUME XXX, No. 4 — JANUARY, 1948



"FROM KEVLIN'S WINDOW"

From the Exhibition of Paintings by Henry Gasser
January 4 — February 2, 1948

OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

"YAHTSETASHA"

A WILLIAM T. DAVIS MEMORIAL LECTURE

SATURDAY, JANUARY 17, 1948, 8:15 P.M.

McKee High School Auditorium



*Thrilling colored motion pictures and lecture of
Alaskan mountain climbing and exploration by
Maynard Malcolm Miller*

"Yahtsetasha" is a modern story of adventure and scientific exploration among the glacier-bound peaks of Alaska's great Fairweather Range of mountains in the Northern Yukon. Maynard Malcolm Miller, leader of the first expedition to scale the treacherous Mount St. Elias from Icy Bay, Alaska, tells a modern-day story of thrills and excitement at our second William T. Davis Memorial Lecture of the season.

With superb colored motion pictures, Mr. Miller shows how on July 16, 1946, eight young Americans, seven men and one woman, scaled Mount St. Elias, which rises 18,008 feet to dominate the whole eastern rim of the Gulf of Alaska.

MUSEUM BULLETIN of the Staten Island Institute of Arts and Sciences, Vol. XXX, No. 4, January, 1948. Published monthly, except June, July and August, by the Staten Island Institute of Arts and Sciences, 75 Stranvessant Place, Staten Island, N. Y., and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912. Roswell S. Coles, Editor.

HENRY GASSER, ARTIST

A reception will be held in the gallery on Sunday, January 4th at 2:30 P.M. to open an exhibition of watercolors and oils by Henry Gasser. Members and guests are invited to be present to meet the artist.

Henry Gasser, a comparatively young man, has achieved notable success in the world of painting, in teaching, and in commercial art. Called, "one of Newark's busier young men," he is head of the art department of the Prudential Insurance Company, director of the Newark Public School of Fine and Industrial Art and, "in his spare time," one of the most popular artists in the East.

Although he often works in oil, Mr. Gasser has received his greatest renown through his water colors. "I wanted to express myself in a medium that I was using commercially," he says. "So many artists use watercolor for preliminary sketching. I felt it was a respectable medium within itself." This point of view has been amply justified since he is the winner of over forty awards at various shows throughout the country. This year these include two from the Salmagundi Club, the Henry F. J. Knobloch award for the best water color and lay member prize for oil; the active member prize of the New Haven Paint and Clay Club; and the George A. Zabriski prize of the American Water Color Society, which he also won in 1943. Outstanding among his other awards are the National Academy's Hallgarten prize in 1943, the Philadelphia Water Color prize at the Pennsylvania Academy of Fine Arts, 1945, and the William Church Osborn prize of the American Water Color Society, 1944.

In his water colors Mr. Gasser tries to get somber effects, not the light transparencies of many water colorists. A number of his subjects have been sketched from studio windows. He has interpreted the Newark Area in his paintings, and his subjects represent a personal portrait of the city and its surroundings. He has been influenced by the contemporary Japanese-American painter Yasuo Kuniyoshi, namely working on a group of paintings with a specific compositional idea until he has mastered it and only then moving on to some other artistic problem.

Our Staten Island artists may be interested in Mr. Gasser's description of his own technique. "I work dry, occasionally wetting a section of the paper where blending is desired. I apply the paint direct, washing or sponging out a part if it helps produce an interesting texture.

"In doing a winter landscape I often use a grayed greenish-blue wash and paint the entire picture with this mixture. I leave the white paper for the light area, the wash representing the middle and dark masses. At this stage the water color resembles a monotone. I then paint in the dark masses, using as much color as possible.

"Local color is added in the light where needed, but I depend upon the darks to carry the design. As much detail as is deemed necessary can then be suggested to finish the painting."

Born in Newark, N. J., Henry Gasser attended the Newark School of Fine and Industrial Arts and the Art Student's League under Robert Brackman and John R. Grabach.

During the past five years he has exhibited at the Chicago International Water Color Exhibition, the Carnegie Institute, the National Academy of

STATEN ISLAND MICROSCOPICAL SOCIETY

Joseph F. Burke

On December 3, Mr. Roswell S. Coles reviewed the work that has been done in the past on Staten Island serpentines and initiated a discussion as to projected microscopical study of them by members of the Society. As an immediate project, it was suggested that a map be compiled of all serpentine outcrops. The president asked Mr. Coles to serve as chairman of the serpentine study project. A simultaneous study of the association of plant life with the serpentine and also its effect upon animal life was proposed. The chemical aspect of the serpentines, especially in weathering, was discussed and its further study proposed.

At the meeting of January 7, Dr. William H. Wiegmann will speak on "The Costa of Mosses in Section." The annual election of officers will take place at this meeting; Dr. F. A. Strauss is chairman of the nominating committee. Mr. Cooper will be in charge of exhibition of microscopical objects between 7 and 8 o'clock on the evening of the meeting.

THE WOMAN'S AUXILIARY

The Woman's Auxiliary, at its meeting of January 28th, will see the colored film, "Wings to Alaska," and will hear Miss Joan Garbarlino, eight year old pianist, protégé of Mrs. T. E. Palleske.

LIBRARY NOTES

Mabel Abbott

The Library's shelves have had some interesting accessions this month. Besides the two new books, Frances Tysen Nutt's "Three Fields to Cross," and John Kieran's "Footnotes on Nature," both reviewed elsewhere in this Bulletin, there is also an older book of special local interest because its writer, Marah Ellis Ryan, lived for several years in a little house, still standing, on Fingerboard Road, not far from Bay Street. This book "The Druid Path," was written there, and like her "Flute of the Gods," was a favorite with readers of a generation ago.

An addition of importance to the Institute's collection of ancient Bibles is the recent gift of Mr. J. A. Guion, of Emerson Hill. This Bible, in the Dutch language, belonged to Mr. Guion's mother's family. It was published in Amsterdam in 1718. Mr. Guion has also presented the Institute with the "Encyclopaedia of the Arts and Sciences," in two volumes, published in London in 1751, and the "Evangelical Expositor," by the Rev. Thomas Haweis, also in two volumes, published in London in 1766.

LITERATURE RELATING TO STATEN ISLAND

"Three Fields To Cross"

Reviewed by Mabel Abbott

Of particular interest to Staten Islanders is Frances Tysen Nutt's book, "Three Fields to Cross," just off the press. This is a novel about Staten Island in the Revolution, and the author is a Staten Islander both by birth, and by long pre-Revolutionary descent. The ability to write and an interest in local history may be said to have come to her through this genealogy, for an ancestor, Raymond Tysen, wrote a short history of the Island which

is now a collector's item, and her father, David Tysen, also wrote a pamphlet on the subject. The book makes use of at least one family legend, though the characters and events are entirely imaginary, Mrs. Nutt says.

Like all historical novels, "Three Fields to Cross" will be the subject of many an argument between readers who insist on historical accuracy to the minutest detail, regardless of its effect on the tale, and those who are equally convinced that in a novel, the right of way belongs to the story. It is an old battle, and one that probably never will be won by either side. This reviewer declines to be drawn into it. The book is decidedly readable. The setting is picturesque, and not as standardized as the average Revolutionary background. Incident is piled on incident, action never flags, and there is plenty of suspense. One wonders, in fact, if Hollywood might not find it worth attention. Some of the characters, — Koosaka, the old Indian, and Murdagh Ashniel, the Scotch soldier, to mention two at random — would be at home on the screen.

The wrapper by the author's sister, Ruth Tysen, is a Staten Island scene, rendered in a woodcut.

Mrs. Nutt has another story on the stocks; and readers of this one will await its launching with interest.

"Footnotes On Nature"

Reviewed by Charles C. Stoddard

Our own "Uncle Billy" Davis was a staunch admirer of the nature notes and observations by John Kieran as they appeared in the daily press, and one of the high-lights of his last year among us was a trip he made to Long Island in June 1944, in company with Kieran, Edwin Way Teale and other friends, in search of signs of the returning brood of seventeen-year Cicadas. He would be the first to appreciate that Mr. Kieran has woven this and other material into a delightful and beautiful book ("Footnotes on Nature," Doubleday), recently published.

The author gives a characteristic and amusing account of this now historic expedition, together with a tribute to Davis and his work and references to Dr. James P. Chapin and others that will be of special interest to members of our Institute.

This book is not one to be read lightly and laid aside and forgotten. Mr. Kieran is a sound naturalist and an indefatigable observer, and one only wonders how in the midst of a busy life he has found the time to view and record such a wealth of information as is to be found in these pages. As Brooks Atkinson writes, "Not many people know how rich the New York City region is in natural life because not many people have the richness of mind, curiosity, and enthusiasm that Jack Kieran has." These observations, with few exceptions, were made within a relatively small radius of New York, many within the city, in Van Cortlandt Park and vicinity. This should be an inspiration to Staten Islanders to go out oftener with an appreciation of how much more there is to see and learn in our own dooryards.

Unfortunately the book is not indexed, but it is one that may be opened anywhere with pleasure and profit. And an Appendix contains a glossary of Birds, Insects, Mammals and Plants mentioned in the text, both by their popular and scientific names.

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

CALENDAR — JANUARY, 1948

1—Thursday	New Year's Day	Museum Closed
4—Sunday	— 2:30 P.M.	Section of Art, Opening of Exhibition by Henry Gasser
5—Monday	— 8:00 P.M.	S. I. Oratorio Society
6—Tuesday	— 8:00 P.M.	Nature Study
	— 8:30 P.M.	Treble Ensemble
7—Wednesday	— 7:45 P.M.	Professional Fiction Writing
	— 8:00 P.M.	S. I. Microscopical Society
	— 8:00 P.M.	Professional Engineers
	— 8:00 P.M.	Photography
	— 8:30 P.M.	S. I. Camera Club
8—Thursday	— 8:00 P.M.	Beethoven's Piano Works
9—Friday	— 8:00 P.M.	Techniques and Drawing of the Figure in Life
	— 8:00 P.M.	Folk Dancing
10—Saturday	— 2:30 P.M.	Section of Natural History — Field Trip, Meeting at Barrett Park Zoo
11—Sunday	— 2:30 P.M.	S. I. Camera Club, Opening Reception, Annual Exhibition of Members' Prints
12—Monday	— 8:00 P.M.	S. I. Oratorio Society
	— 8:00 P.M.	S. I. Philatelic Society
13—Tuesday	— 8:00 P.M.	Section of Natural History — Study Group
	— 8:00 P.M.	Nature Study
	— 8:30 P.M.	Treble Ensemble
14—Wednesday	— 7:45 P.M.	Professional Fiction Writing
	— 8:00 P.M.	Photography
	— 8:30 P.M.	S. I. Camera Club
15—Thursday	— 8:00 P.M.	Beethoven's Piano Works
16—Friday	— 8:00 P.M.	Folk Dancing
17—Saturday	— 8:15 P.M.	William T. Davis Memorial Lecture at McKee High School
18—Sunday	— 3:30 P.M.	Belles Lettres Society, Home of Mr. & Mrs. Lester Callan
19—Monday	— 8:00 P.M.	S. I. Oratorio Society
	— 8:15 P.M.	Trustees' Meeting
20—Tuesday	— 8:00 P.M.	Nature Study
	— 8:30 P.M.	Treble Ensemble
21—Wednesday	— 7:45 P.M.	Professional Fiction Writing
	— 8:00 P.M.	Photography
	— 8:30 P.M.	S. I. Camera Club
23—Friday	— 8:00 P.M.	Techniques and Drawing of the Figure in Life
24—Saturday	— 8:00 P.M.	Section of Natural History, Annual Meeting
26—Monday	— 8:00 P.M.	S. I. Oratorio Society
	— 8:00 P.M.	S. I. Philatelic Society
27—Tuesday	— 8:30 P.M.	Treble Ensemble
28—Wednesday	— 10:30 A.M.	Woman's Auxiliary
	— 8:30 P.M.	S. I. Camera Club

JUNIOR MUSEUM ACTIVITIES

SENIOR SCIENCE — Tuesdays, 7:30 P.M.	Mr. Robert Mathewson
OIL PAINTING — Wednesdays	Miss Jean Leason
ELEMENTARY DRAWING — Thursdays	Miss Jean Leason
MOTION PICTURES — Fridays	Mr. Robert Mathewson
BIOLOGY GROUP — Saturdays, 10 A.M.	Mr. Robert Mathewson
JUNIOR STAMP CLUB — Saturdays, 10 A.M.	Mr. Henry J. Murray
JUNIOR ORCHESTRA — Saturdays, 10 A.M.	Prof. John Bainbridge
JUNIOR PHOTOGRAPHY — Saturdays, 2 P.M.	Mr. William Sullivan

MUSEUM BULLETIN

VOLUME XXX, No. 5 — FEBRUARY, 1948

"PALESTINE TODAY"

A lecture, illustrated by colored moving pictures, by

COL. EDWIN H. COOPER, D.S.C.

Saturday, February 21, 8:15 P.M.

Auditorium of Staten Island Day School

Col. Cooper's kodachrome study of modern Palestine is an authoritative presentation of the background of one of our major post war trouble centers. The talk is non-political but, now that the partition of Palestine has become a world issue, it is most timely and it will help us to understand the true significance of the Arab-Jewish struggle for this Biblical country.

OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

1947 CHRISTMAS BIRD CENSUS

Mathilde Weingartner

On December 21st ten observers tramped the woodlands of Staten Island to chalk up a total of 54 species of birds to be recorded in the annual Christmas Bird Census. Casimir Redjives was chairman for the census which was taken under the auspices of the National Audubon Society.

This year, up to the time the count was taken there had been very little snow and the temperature had not as yet dropped too severely. This fact may account for the fairly large total.

Unusual discoveries were: a Wilson's Snipe, two Hermit Thrushes, a Holbel's Grebe in Silver Lake Reservoir, a Mallard Duck and two Rusty Blackbirds.

The observers were: Paul Connor, Lee A. Ellison, Henry Flamm, Curt Henning, Dr. Joseph Kovacs, Charles Pearson, Casimir Redjives, Mr. and Mrs. Bert Schaughency and Mrs. Miriam Stryker.

The wooded parts of the Island were covered during the census by the observers split up into small groups. The large score of Herring Gulls and Starlings was found to be feeding at the Great Kills garbage dump. A 20 power telescope aided in the observation of ducks far off shore at Ward's Point and Oakwood Beach.

Following is a list of the species observed:

Common Loon, 2; Holbel's Grebe, 1; Horned Grebe, 10; Pied-billed Grebe, 1; Great Blue Heron, 1; Black-crowned Night Heron, 1; Mallard Duck, 1; Common Black Duck, 57; Scaup Duck, 15,000 (est.); Golden-eye Duck, 123; Bufflehead Duck, 37; Old Squaw Duck, 38; White Winged Scoter, 12; Hooded Merganser, 1; Sharp-shinned Hawk, 1; Red-tailed Hawk, 1; Rough-legged Hawk, 2; Marsh Hawk, 4; Sparrow Hawk, 6; Ring-necked Pheasant, 9; Clapper Rail, 1; Killdeer Plover, 12; Wilson's Snipe, 1; Great Black-backed Gull, 19; Herring Gull, 13,000 (est.); Ring-billed Gull, 1; Laughing Gull, 45; Bonaparte Gull, 500; Mourning Dove, 3; Flicker, 7; Downy Woodpecker, 7; Prairie Horned Lark, 24; Blue Jay, 12; American Crow, 109; Black-capped Chickadee, 12; White-breasted Nuthatch, 5; Brown Creeper, 5; Hermit Thrush, 2; Robin, 10; Starling, 5,000 (est.); Myrtle Warbler, 37; Meadowlark, 22; Rusty Blackbird, 2; Cardinal, 23; Towhee, 3; Junco, 68; Tree Sparrow, 160; Field Sparrow, 1; White-throated Sparrow, 105; Fox Sparrow, 3; Swamp Sparrow, 4; Song Sparrow, 54; Snow Bunting, 7; English Sparrow, 124.

MUSEUM BULLETIN of the Staten Island Institute of Arts and Sciences, Vol. XXX, No. 5 February, 1948. Published monthly, except June, July and August, by the Staten Island Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island, N. Y., and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912. Roswell S. Coles, Editor.

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

1948 SPRING COURSES

The following courses will be given in the Museum during the Spring of 1948. They are open to any adult, subject to the requirements of the individual courses, and are accredited as In-Service courses for teachers through the cooperation of the Staten Island Teachers Association and Dr. I. Victor Burger, Assistant Superintendent of Schools. Courses begin the week of February 16, and registration and payment of fee must be made, either in person or by mail, during the week of February 9, weekdays from 9 to 5 and Saturday, 9 to 12.

Choral Techniques —Mondays, 8-10 P.M.—Mr. John L. Bainbridge

This course offers an opportunity to work with the Staten Island Oratorio Society in the study and performance of various types of choral music, with solo opportunities for qualified voices. Fee, \$10 for 15 sessions.

Oil Painting —Mondays, 8-11 P.M.—Mr. Percy Leason

Instruction in oil painting, arranged to suit the capacities, interests and needs of the individual student. Fee, \$15, 10 sessions.

Nature Study—Tuesday, 8-10 P.M.—Mr. Roswell S. Coles

Tells the story of Staten Island natural history particularly as an aid to teachers of our elementary schools. Opportunities will be given for field trips, collecting and identifying materials. Fee, \$10, 15 sessions.

Fiction Writing —Wednesdays, 7:30 to 9:30 P.M.—Miss Phyllis A. Whitney

Writing for current fiction markets with emphasis on writing to sell. Analysis of magazines and their requirements. Students' work will be read and discussed in class and constructive criticism given. This is an extension of Miss Whitney's previous course, but will be open to beginners as well as to more advanced writers. Fee, \$15, 15 sessions.

Music Forms—Thursdays, 8-10 P.M.—Mr. George Martin

Fifteen lecture-recitals by Mr. Martin, tracing the development of musical forms such as the Rondo, Sonata, Toccata, etc. Admission to individual recitals: \$1. Fee for course, \$10. Minimum 10 students.

Techniques and Drawing of the Figure in Life —Fridays, 8-11 P.M.
Mr. Percy Leason

A cooperative course designed to acquaint the artist with the various techniques and media in painting from life. It presupposes an already established ability in some artistic medium. Fee, \$10, 10 sessions, Feb. 20, March 5, 19, April 9, 23, 30, May 7, 21, and June 4, 18.

Folk Dancing—Fridays, 8-10:30 P.M.—Mrs. Sally Chapin

This course will include basic steps such as the schottische, polka and waltz. The dances will range from simple couple and circle dances such as the Norwegian polka and the Kolo, through easy group dances - - Christmas dance and French reel and American Square Dances which have a singing accompaniment such as Yankee Doodle and Promenade the Hall - - and also one or two of the more complicated figure dances like Weaving. Our instructions include methods of presenting the material to others; notes will be taken on all dances and manuscripts for them provided. Fee, \$10, 12 sessions. Minimum 16 students.

LIBRARY NOTES

Mabel Abbott

Not in a long time has the Library had an accession of more interest to announce than the recent purchase of a small portion of the library of George William Curtis.

The Institute has long owned a few of Curtis's books, also some letters from Curtis himself and some photographs. Other books and some addresses have been picked up from time to time, as opportunity and our means permitted. It has been felt that for a collection of real service to students of nineteenth century American literature, and particularly of the work of this eminent man of letters and of public affairs, no place could be as suitable as Staten Island, where he lived so long, and the Institute of Arts and Sciences, of which he was one of the earliest honorary members and in which he took an active interest. But Curtis material does not grow on bushes. The bulk of his library was sold years ago. Since then occasional items have come into the market and have been acquired by collectors, well aware of their interest. Harvard University has been one of the consistent buyers.

Recently what is said to be the remainder of the library was offered by a dealer in Massachusetts, and was sent to the Institute on approval. Most of it was material which we did not have, and this has been acquired. It amounts only to two small and unimpressive bundles, which are now awaiting thorough study. It can already be said, however, that it contains a good representation of the work which made Mr. Curtis a figure in American history, quite aside from his literary standing. Also, it includes a number of pamphlets, some now almost unobtainable, which are valuable source material on Staten Island local history. These, it is evident, Curtis collected and kept because of his interest in the Island. There is a fine series of his addresses on many occasions, some in pamphlet form and some apparently in galley proof, and there is also a series of memorial addresses by famous speakers on Curtis's death.

Of great local interest is a resolution, in longhand and in duplicate, so that it could be passed around for signatures, of a resolution protesting against the acceptance by the Richmond County Republican Convention, in 1879, of Curtis's resignation as Chairman. Many of the signatures are well known and the document is an asset to the Island's political records.

Possibly the most important to a student who wishes to know how Curtis worked, is a quantity of manuscript, being the first drafts, with revisions, of some of his addresses.

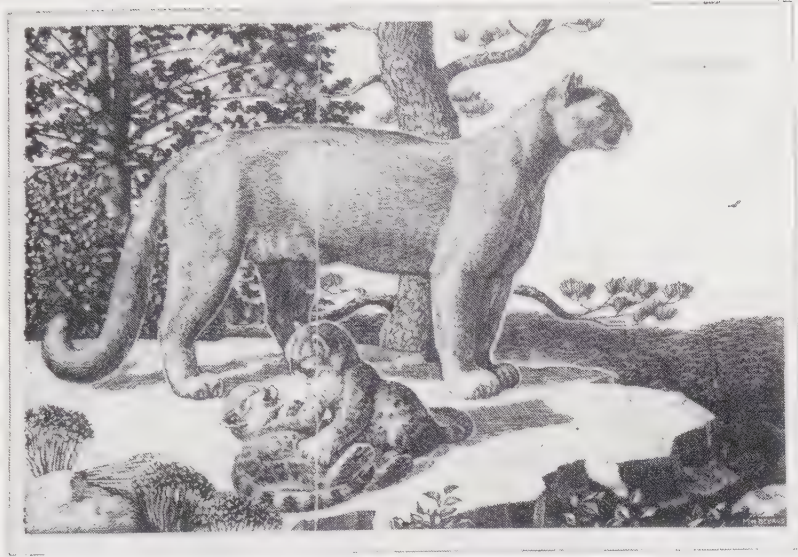
The most personal item of all is a tiny, well-worn book, "New Tales for Boys," by Madame Delafaye, scrawled in many places with Curtis's boyish signature in various forms. The "Tales" are of the most improving character, in simple language, embellished with an edifying frontispiece, and a small picture on the title page which the youthful Curtis apparently undertook to color, with dubious results.

The new accession will be on display in the Museum for a time, without waiting for the study which is to be made; and we believe those who see it will share the Institute's satisfaction that this much of our famous former fellow-citizen's library has come back to the Island which he sincerely loved.

THE WOMAN'S AUXILIARY

The regular meeting will take place in the museum on February 25, with the business meeting at 10:30 and program at 11 A.M. Mrs. C. Payne Sheltman, Program Chairman, has arranged for an interesting colored moving picture, "Oil of Peru." Piano selections by Mrs. Adolph Auriema.

FEBRUARY ART EXHIBITION



"PUMA AND CUBS"

From the Exhibition of Work by M. H. Bevans
February 8 — March 17, 1948

Only occasionally in our exhibitions are we able to show the work of an artist whose artistic accomplishments win the respect of serious students of Natural Science as well as that of his fellow artists. Such a man is Michael H. Bevans and an exhibition of his work in oil, black and white and scratchboard will be shown from February 8 through March 17. Mr. Bevans, who prefers to be known as "Mike", has provided us with the following autobiographical information.

"I developed a love for the outdoors and an interest in animals at an early age, particularly during summers spent in the Watchung Mountains. Endless hours spent at the zoos, museums and pet shops in New York taxed the patience of my family, but started me on the road to knowledge. My first pet was a Manx cat, my second a wood turtle, which may account for the interest I have had in the groups these two represent, Carnivores and Reptiles.

"I had a short period of instruction in sculpture under Archipenko which helped make me form conscious to a high degree. Contacts with zoo and museum personnel plus my own interests resulted in many field trips and expeditions to various parts of U.S. and Mexico. The chief object of these trips was to collect herpetological specimens. Sketching and observation at the New York zoos and at the American Museum of Natural History offered a wonderful opportunity for development and I tried to take full advantage of it.

"After trying to sell my drawings and engaging in a variety of occupations I became preoccupied with the war and remained so for three years as a camouflage technician.

"Since my discharge I have become a free lance artist, illustrating biology texts, children's books, book jackets, a few magazine articles and a color plate of North American reptiles for the revised Encyclopedia Americana."

This exhibition has been arranged by Mr. Mathewson, our Natural History Curator.

STATEN ISLAND ORATORIO SOCIETY

W. N. Meyer

On Jan. 5, 1948 the society held its annual meeting in the Museum. Under the direction of Mr. John L. Bainbridge the group went through selections from Handel's "Creation" and Mendelssohn's "Elijah." Harry A. Russell was at the piano.

At the business meeting following, Dr. John R. Bacher presided and the Treasurer, Miss Elizabeth Weingartner, presented to the members a very favorable report of the Christmas Concert held at the Port Richmond High School Auditorium on Dec. 15, 1947. Officers for the year 1948 were elected as nominated by the retiring executive committee: W. N. Meyer, President; Mrs. Ruth Bechtold, Vice President; Elwood Cole, Treasurer; Miss Louise Simmons, Secretary and Miss Ottilie Undritz, Librarian. Mr. Richard Simmons was appointed Chairman of the Membership Committee.

The meeting ended on a social note while the members enjoyed light refreshments.

STATEN ISLAND MICROSCOPICAL SOCIETY

Joseph F. Burke

At the meeting of January 7, 1948, Dr. William H. Wiegmann gave a talk on the value of making free-hand cross-sections of the costa of mosses as a means of identifying them. The application of this method was developed considerably in a discussion that followed. Several members reported on progress made in the Staten Island serpentine and related studies. Mr. L. A. Ellison has made a preliminary chemical analysis of weathered serpentine on Forest Road, Miss Mathilde Weingartner gave a list of ferns, with localities, growing on the serpentine areas of the Island, and Mr. Coles reported on his researches into the literature.

Nominations for officers were presented by Dr. Frank A. Strauss and the following were elected to serve for the coming year: Joseph F. Burke, President; I. C. G. Cooper, Vice President; Robert O'Connor, Secretary; Roswell S. Coles, Treasurer.

On February 4, 1948, Miss Weingartner will speak to the Society on the Reproduction in Ferns. This will include the microscopical aspect of the spore cases with specimens to be shown.

STATEN ISLAND CAMERA CLUB NOTES

Thomas J. Fisher and William J. Hunn

In January the Staten Island Camera Club initiated a new publication, "News and Views," edited by Thomas J. Fisher. This bulletin will be issued each month to club members and will contain a complete calendar of meetings, technical data on photographic processes, explanations and suggestions for activities. Items by members on tests and suggested dark room procedure will also be included. The need for the publication had been felt for the past year and the first copy was received with a great deal of enthusiasm.

During February the business meeting will be held on Wednesday, February 4, and will include a general forum. Colored slide competition and judging will be held February 11. On February 18, Mr. Erle Buckley, A.P.S.A. will speak on "An Introduction to Pictorialism." Mr. Buckley is acclaimed as the foremost photographic instructor in the country and he is the Director of the Studio School of Photography and well known for his humorous and attention-holding talks.

The monthly print competition will take place on February 25.

NECROLOGY

Herman W. Ordeman—Herman W. Ordeman, who died at the age of 59 in Frederick, Maryland, on December 31, 1947, was elected a Trustee of the Staten Island Institute of Arts and Sciences on May 24, 1941 and was active until his retirement in August, 1946. He also served as President of the Richmond County Chapter of the New York State Society of Professional Engineers in 1943 and 1944.

Mr. Ordeman served as Borough Engineer for 13 years, having been appointed to that position by Borough President Palma in 1933. He came to Staten Island in 1912 as an engineer for the Baltimore and Ohio Railroad and lived here until he returned to Frederick, in 1946. He was the author of "Consolidation Equation" and many articles on engineering problems.

Apart from his love of engineering, tropical fish absorbed a large part of his energy. He maintained a laboratory at his Shore Acres home, and on his retirement, he donated his equipment to the Museum. He served as the President of the Aquarium Division and Curator of Tropical Fish of the Staten Island Zoological Society.

The Institute owes a great deal to Mr. Ordeman for his assistance in handling many important problems, particularly those dealing with our relation to the City of New York. His unfailing humor and *joie de vivre* added much to the spirit of every gathering of which he was a member and his cheerful presence will be missed by his many friends.

PROFESSIONAL ENGINEERS

The Annual Meeting of the Richmond County Chapter, New York State Society of Professional Engineers was held January 8, 1948. Frederick F. Mardus was elected President of the Chapter, with Lewis H. Rabbage, First Vice President; Barnett Kadin, Second Vice President; Raymond J. Reddy, Secretary and Robert N. Bruun, Treasurer. Chester W. Campbell and Harold Nelson were elected Directors for three-year terms.

The Chapter will hold its Annual Dinner Dance on February 21 at the Meurot at which time it will honor William J. Larkin, President of the State Society.

NATURAL HISTORY NOTES

Section of Natural History

Edwin Rundlett, President

Field Trip: Saturday, February 14, 2:30 P.M. Meeting at the Stillwell Perine House, 1476 Richmond Road, Dongan Hills. The walk will proceed through Reed's Valley, the distance to be covered depending upon weather conditions.

Nature Study: Tuesday, February 17, 8 P.M. in the Museum. Detailed study in specific fields with the Herbarium Committee meeting, as usual, at 7:15.

Regular Meeting: Saturday, February 28, 8 P.M. Miss Bessie Blauvelt will present a program, "Backyard Vacation," consisting of her nature observations from June to October, illustrated by colored slides.

At the annual meeting the nominating committee, Miss Blauvelt, chairman, submitted the following slate of officers which was duly elected: President, Edwin Rundlett; Vice President, Casimir Redjives; Field Secretary, Miss Mathilde Weingartner; Corresponding Secretary, Mrs. Carla Nesslinger; Recording Secretary, Mrs. Elwood Cole; Treasurer, Karl O. Nesslinger. Reports of winter bird feeding, Museum exhibitions and other nature activities were presented.

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

CALENDAR — FEBRUARY, 1948

2—Monday	— 8:00 P.M.	S. I. Oratorio Society
3—Tuesday	— 8:30 P.M.	Treble Ensemble
4—Wednesday	— 8:00 P.M.	S. I. Microscopical Society
	— 8:00 P.M.	Professional Engineers
	— 8:30 P.M.	S. I. Camera Club
9—Monday	— 8:00 P.M.	S. I. Philatelic Society
	— 8:00 P.M.	S. I. Oratorio Society
10—Tuesday	— 8:30 P.M.	Treble Ensemble
11—Wednesday	— 8:30 P.M.	S. I. Camera Club
14—Saturday	— 2:30 P.M.	Section of Natural History—Field Trip, Meeting at the Stillwell Perine House, 1476 Richmond Road, Dongan Hills
15—Sunday	— 3:30 P.M.	Belles Lettres Society, Home of Mrs. R. C. Bridgman
16—Monday	— 8:00 P.M.	S. I. Oratorio Society
	— 8:00 P.M.	Oil Painting
17—Tuesday	— 8:00 P.M.	Section of Natural History—Study Group
	— 8:00 P.M.	Nature Study
	— 8:30 P.M.	Treble Ensemble
18—Wednesday	— 7:45 P.M.	Professional Fiction Writing
	— 8:30 P.M.	S. I. Camera Club
19—Thursday	— 8:00 P.M.	Music Forms
20—Friday	— 8:00 P.M.	Folk Dancing
	— 8:00 P.M.	Techniques and Drawing of the Figure in Life
21—Saturday	— 8:15 P.M.	William T. Davis Memorial Lecture at McKee High School
23—Monday	— 8:00 P.M.	S. I. Oratorio Society
	— 8:00 P.M.	Oil Painting
	— 8:00 P.M.	S. I. Philatelic Society
24—Tuesday	— 8:00 P.M.	Nature Study
	— 8:30 P.M.	Treble Ensemble
25—Wednesday	— 10:30 A.M.	Woman's Auxiliary
	— 7:45 P.M.	Professional Fiction Writing
	— 8:30 P.M.	S. I. Camera Club
26—Thursday	— 8:00 P.M.	Music Forms
27—Friday	— 8:00 P.M.	Folk Dancing
28—Saturday	— 8:00 P.M.	Section of Natural History

JUNIOR MUSEUM ACTIVITIES

SENIOR SCIENCE — Tuesdays, 7:30 P.M.	Mr. Robert Mathewson
OIL PAINTING — Wednesdays	Miss Jean Leason
ELEMENTARY DRAWING — Thursdays	Miss Jean Leason
MOTION PICTURES — Fridays	Mr. Robert Mathewson
BIOLOGY GROUP — Saturdays, 10 A.M.	Mr. Robert Mathewson
JUNIOR STAMP CLUB — Saturdays, 10 A.M.	Mr. Henry J. Murray
JUNIOR ORCHESTRA — Saturdays, 10 A.M.	Prof. John Bainbridge
JUNIOR PHOTOGRAPHY — Saturdays, 2 P.M.	Mr. William Sullivan

MUSEUM BULLETIN

VOLUME XXX, No. 6 — MARCH, 1948

"MORMON LAND"

A William T. Davis Memorial Lecture by

DR. ALFRED M. BAILEY

Director, Colorado Museum of Natural History

Saturday, March 13, 1948, 8:15 P.M.

at McKee High School

With colored moving pictures Dr. Bailey describes a visit to the land of the Mormons in the scenic wonderland of Utah from Great Salt Lake to Arizona. He shows Bear River with its teeming bird life, glimpses of Zion and Bryce Canyons, a desert river trip by boat down the canyon of the San Juan to the Colorado River, Lee's Ferry and shooting the rapids, and shots of the Navajos in their desert homeland.

OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK



Padre Creek, near the Colorado River in the Great American Desert.
From "Mormon Land," William T. Davis Memorial Lecture by
Dr. Alfred M. Bailey, March 13, 1948.

PIANO RECITALS BY GEORGE MARTIN

On Thursday evenings at 8 P.M. during the spring term Mr. Martin will present a series of recitals on the general theme, "Music Forms." This is a splendid opportunity to enjoy good music in a friendly, informal atmosphere and we hope our members and friends will take advantage of it. Fees for the remaining 13 recitals are \$10.00; individual recitals, \$1.00. The program for March is:

March 4—Polyphony Frescobaldi: Two fugues; J. S. Bach: Inventions, "Kleine Praeludien," Three preludes and fugues from "The Well-Tempered Clavichord;" D. Scarlatti: Fugue in G Minor; L. v. Beethoven: Introduction and Fugue, Opus 110.

March 11—Fantasy and Toccata Frohberger: Toccata; J. S. Bach: Fantasy in D; Friedmann Bach: Capriccio; D. Paradisi: Toccata; W. A. Mozart: Fantasy in D Minor; L. v. Beethoven: Fantasy in G Minor, Opus 77.

March 18—Sonata Form D. Scarlatti: Three sonatas; J. Hayden: Sonata in D; J. Christian Bach: Sonata in B Flat; W. A. Mozart: Sonata in C; L. v. Beethoven: Sonata in C Minor, Opus 13.

March 25—Beethoven's Piano Sonata Sonata in F, Opus 10; Sonata in C, Opus 53; Sonata in G, Opus 79; Sonata in E, Opus 109.

MUSEUM BULLETIN of the Staten Island Institute of Arts and Sciences, Vol. XXX, No. 6 March 1948. Published monthly, except June, July and August, by the Staten Island Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island, N. Y., and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912. Roswell S. Coles, Editor.

MARCH ART PROGRAM

School Art on Staten Island The annual exhibition of work by students in Staten Island Schools will open with a reception on Saturday, March 20 at 2:30 P. M. A motion picture, "The Mystic Lamb," based on Van Eyck's famous panels in the Antwerp Cathedral will be shown.

Entries for this exhibition must be in the Museum by 5 P. M. on March 16. Judging will be held March 19 by the members of the Executive Committee of the Section of Art. Work may be in any medium but must be matted or framed. Prizes of \$15.00, \$10.00 and \$5.00 have been donated by the Section of Art; winners will be announced at the opening reception.

Annual Spring Exhibition Entries for the Annual Spring Exhibition must be in the Museum by Saturday, March 6 at noon. No work will be admitted after this date. Each member is invited to submit one work in any medium, framed, horizontal measurement not to exceed 44 inches. There will be an entrance fee of \$.50 for non-members. Entries of sculpture will be welcomed. Details of the Exhibition, which will open on April 11, will be printed in the April *Bulletin*.

Natural History Paintings The exhibition of paintings and drawings by Michael Bevans which was announced in the February *Bulletin* will continue through March 17th.

Permanent Collection Several paintings from our permanent collection have been cleaned and restored by our Curator, Miss Leason, and now make a pleasant exhibit in the Library. Many are oils of old Staten Island with a charm perhaps enhanced by the "old fashioned winter" we have been experiencing.

JUNIOR MUSEUM ACTIVITIES

SENIOR SCIENCE—Tuesdays, 7:30 P.M. Mr. Robert Mathewson

OIL PAINTING—Wednesdays.....Miss Jean Leason

ELEMENTARY DRAWING—Thursdays.....Miss Jean Leason

MOTION PICTURES—Fridays.....Mr. Robert Mathewson

BIOLOGY GROUP—Saturdays, 10 A.M.....Mr. Robert Mathewson

JUNIOR STAMP CLUB—Saturdays, 10 A.M.....Mr. Henry J. Murray

JUNIOR PHOTOGRAPHY--Saturdays, 2 P.M.....Mr. William Sullivan

Peter Pan, the Magic Man, Monday, March 29, 10:30 A. M. and 2:30 P. M., through courtesy of The Park Department.

Mr. Bainbridge announces that rehearsals of the Junior Orchestra have discontinued until further notice.

S. I. HOTELS—NEW AND OLD

Charles Coleman Stoddard

The Staten Island Chamber of Commerce recently has sponsored a survey by representatives of a group of experts of the need for and the possibilities of establishing a new, modern hotel on Staten Island. The final report has not yet been issued.

There is no question of the need for such an improvement, if it can be properly financed and managed. These are the questions to be decided. Staten Island, with a population of approximately 200,000, is probably the only city of that size (if we consider it separately and not a part of the City of New York) without such accommodation.

The thought of hotels brings nostalgic memories to older Staten Islanders who recall the fading glory of the great days of the 80's and earlier, when Staten Island was a resort of the wealth and fashion of the country: and to those who know its history, the Island, situated at the gateway to the city and at the crossroads of the world, always has been noted for its inns and taverns.

Taverns of the Colonial and Revolutionary periods were a far cry from our great modern hotels. Yet they amply served their day when Staten Island was a stopping-place on the stage routes between New York and Philadelphia, and many are notable in the history of the Island. We would give a great deal to know more about them: The inn at Stony Brook kept by the erudite Alexander Stewart, county clerk at the beginning of the 18th Century, where doubtless many of the early court sessions were held before the establishment of the County seat at Richmondtown; DuBois's Tavern and the Cuckold's Town Inn at Richmond, in the latter of which Major Andre is reported to have written his will; The Rose and Crown and the Black Horse, in New Dorp, headquarters of General Howe and his officers; The old Bull's Head, notorious as the rendezvous of the Tories and one of the early way stations of the stage coach days.

It is interesting to note how many of these early taverns were associated with various ferries: those of Decker and Mercereau (Port Richmond), Darby Doyle's (at the Watering Place, Tompkinsville), The Ferry House (Tottenville), and Blazing Star (Rossville) and New Blazing Star (Travis).

With the close of the Revolution and the beginning of the new Century, hotels became more pretentious, and as the Island developed in wealth and population more numerous. One of the most famous of these, famous for a single association, was the old Port Richmond Hotel, later known as the Continental and the St. James. Built about 1807, it was demolished as recently as 1945, it stood near the foot of Richmond Avenue, in Port Richmond. Here the aged Aaron Burr was brought in the declining months of his life, and died, September 14, 1836.

The Planters' Hotel, built in 1829, was at one time one of the most aristocratic resorts on Staten Island. It was built by a southerner and was patronized almost exclusively by wealthy southerners on their journeys to and from New York. The weathered but attractive old red brick building still stands at the corner of Grant and Bay streets, the offices of a lumber concern.



Hotel Castleton, Formerly The St. Mark's Hotel, 1894.

The Patten House, on Richmond Road opposite the head of New Dorp Lane, for years accommodated many distinguished guests, particularly during the Civil War period. Its building, in 1836, was sponsored by Commodore Vanderbilt, Dr. Ephraim Clark, Richard Conner, and others interested in horseracing. There were ample stables for their fine horses, and its spacious balconies overlooked the racetrack and the open landscape to the shore. It was a noted center for sportsmen not alone from the Island but from New York, New Jersey and elsewhere.

The great era of hotel building was the middle half of the 19th Century. Richmond Terrace, then the Shore Road, was a delightful, tree-shaded boulevard, the site of beautiful homes and one of the most exclusive resort centers in the vicinity of New York. Numerous fine hotels were built in this area, probably the most noted being the famous Pavilion, which had a long and successful career. Its patronage was a register of most of the prominent figures of the day. Here came Gen. Winfield Scott, President Van Buren, Henry Clay, John C. Fremont, Santa Anna, the exiled President of Mexico, and a host of others. Jenny Lind and Madame Patti sang there, the former making it her home on her visits to America.

The last of these great hotels was the Hotel Castleton, on the heights above St. George, near the present Curtis High School. It occupied the site of the former St. Mark's Hotel in 1889, and with its many additions was a most imposing structure. It was completely destroyed by fire, November 12, 1907.

These are but a few of the hotels large and small that the Island has known. While the sites of these famous buildings are now built over all or in part or are impractical for a modern building such as contemplated, it would seem appropriate from an historical and sentimental standpoint to perpetuate the name of one of these famous caravanserais in any new hotel that may be built.

NECROLOGY

David Varon Prof. David Varon, for 34 years a resident of Staten Island and a member of the Institute from 1915, died January 20, 1948, at Endicott, N. Y. During these years he was active in spreading an interest in the beauty of Staten Island both in the arts and in natural history, lecturing often but frequently speaking informally at various Museum and community programs.

His first presentation, recorded in our *Proceedings*, was at a meeting of the Association of Arts and Sciences on March 19, 1915 held in the old museum building at 154 Stuyvesant Place. Prof. Varon spoke on "The Appreciation of Architecture" and, as was his custom, illustrated his talk with sketches made during the program. During his lifetime he stressed the continuity of nature and the arts, evolving a religious philosophy particularly suitable to one of his capacities.

Our library contains two volumes by Prof. Varon, "Indication in Architectural Design," N. Y. 1916, and "Architectural Composition," New York, 1923. In the latter he had written over his autograph: "The best works of art and the (mother of all arts) Architecture, obey, in a manner of principles, the laws of nature as expressed now in a minute snow crystal symmetrical arrangement, and then in the overpowering rhythm of a craggy mountain." He also presented a pastel, "The Hall of Drapers, Bruges, Belgium," to the Museum.

Prof. Varon received his formal education at the Beaux Arts in Paris and before coming to Staten Island was Professor of Architecture at Syracuse University and the University of Illinois.

Prof. Varon was an honorary member of the Staten Island Society of Architects which he helped to form in 1923 and he exhibited regularly with this group. He was also active in the work of the Section of Art, a frequent exhibitor, and gave many programs for the Section of Natural History.

MEMBERSHIP

We are happy to welcome the following to Institute membership: Mrs. Lillian Adler, Mrs. Josefina A. Adrians, Marcus Blom, Rudolph Busch, E. J. Bush, Elliott L. Chapin, Francois Kertesz, Ferd Olsen, Mrs. Dorothy Meyer, Miss Rosalie M. Packer, Thomas B. Reed, Jr., Miss Setta Solakian, Miss Helen Bogert Vail.

WOMAN'S AUXILIARY

Mrs. Anselm Nascher, *President*

Miss Elsie Kane of George Jensen, Inc., Silversmith, will speak on "Silver" at the meeting on March 31, 1948. Mrs. Arthur Buchler, violinist, will play, accompanied by Mrs. Harvey Perine at the piano.

You are asked to hold open the date of Thursday, May 13, 1948, for the Annual Card Party of the Woman's Auxiliary to be held at St. John's Parish Hall. Mrs. Archibald J. Fulton will act as chairman and final plans will be announced later.

BRITTON MEMORIAL COMMITTEE

I. C. G. Cooper, Chairman

Planning for the Memorial Garden has continued through these winter months. The picket fence has been erected and is awaiting the final coat of paint. We are greatly indebted to the Director for donating the proceeds of the Fall Nature Course to the Garden Fund as this will cover the cost of the fence. Planting will start in the garden as soon as the weather breaks and we look forward to a season of great activity at the Cottage.

NATURAL HISTORY NOTES

Section of Natural History

Edwin Rundlett, *President*

Field Trip: Saturday, March 13, 2:30 P. M. Meeting at the intersection of Manor Road and Ocean Terrace. This scenic walk will lead through woodland over the top of Todt Hill and down through the golf course to the Richmond Road entrance of Moravian Cemetery.

Nature Study: Tuesday, March 16, 8 P. M. in the Museum. Members will assemble for detailed study in specific fields and the Herbarium Committee will meet as usual at 7:15 P. M.

Monthly Meeting: Saturday, March 20, 8 P. M. in the Museum. Please note that this meeting is on the **THIRD** Saturday of the month! Casimir Redjives, chairman of the Bird Committee, will give the informal talk on "Birds About Us." This talk had been postponed from the December meeting because of the blizzard.

ALL DAY HIKE

An All-Day Hike to be led by Joseph Burke, has been planned for Saturday, April 3, and anyone interested in steady hiking is invited to take part. The group will leave the Museum at 9:30 A. M. and proceed by Forest Avenue Bus (R 107) to Clove Road where others may join the group at 10 A. M. The walk will be through Clove Lakes Park, Little Clove Valley, over Todt Hill and on to Richmond where a hot dinner will be had at the Lighthouse Restaurant. The walk will continue after lunch to Eltingville, ending at the home of Mrs. Elwood Cole.

STATEN ISLAND MICROSCOPICAL SOCIETY

Joseph F. Burke

Mr. Robert M. Wotton will speak at the meeting of March 3 on some interesting techniques. At the February 4 meeting, Miss Weingartner gave an outline of the life history of ferns illustrated by lantern slides made and projected by Mr. Mathewson and also by a series of line drawings prepared by Mr. Ericson. These drawings will form part of a new exhibit to be placed in the Museum case to succeed the exhibit of photomicrographs.

Mr. Coles reported at some length on the progress made and proposed plans for the serpentine investigations; Mr. Ellison while not present had submitted an initial chemical analysis of the weathered serpentine on Forest Road, and with Mr. Ashby present an active discussion followed on this program.

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

CALENDAR—MARCH, 1948

1—Monday	— 8:00 P.M.	S. I. Oratorio Society
	— 8:00 P.M.	Oil Painting
2—Tuesday	— 8:00 P.M.	Nature Study
	— 8:30 P.M.	Treble Ensemble
3—Wednesday	— 7:45 P.M.	Professional Fiction Writing
	— 8:00 P.M.	S. I. Microscopical Society
	— 8:00 P.M.	Professional Engineers
	— 8:30 P.M.	S. I. Camera Club
4—Thursday	— 8:00 P.M.	Music Forms
5—Friday	— 8:00 P.M.	Techniques and Drawing of the Figure in Life
8—Monday	— 8:00 P.M.	Oil Painting
	— 8:00 P.M.	S. I. Philatelic Society
9—Tuesday	— 8:00 P.M.	Nature Study
	— 8:30 P.M.	Treble Ensemble
10—Wednesday	— 7:45 P.M.	Professional Fiction Writing
	— 8:30 P.M.	S. I. Camera Club
11—Thursday	— 8:00 P.M.	Music Forms
13—Saturday	— 2:30 P.M.	Section of Natural History — Field Trip, meeting at Manor Road and Ocean Terrace
	— 8:15 P.M.	William T. Davis Memorial Lecture at McKee High School
15—Monday	— 8:00 P.M.	S. I. Oratorio Society
	— 8:00 P.M.	Oil Painting
16—Tuesday	— 8:00 P.M.	Nature Study
	— 8:00 P.M.	Section of Natural History — Study Group
	— 8:30 P.M.	Treble Ensemble
17—Wednesday	— 7:45 P.M.	Professional Fiction Writing
	— 8:30 P.M.	S. I. Camera Club
18—Thursday	— 8:00 P.M.	Music Forms
19—Friday	— 8:00 P.M.	Techniques and Drawing of the Figure in Life
20—Saturday	— 2:30 P.M.	School Art Exhibition — Opening Reception
	— 8:00 P.M.	Section of Natural History
21—Sunday	— 3:30 P.M.	Belles Lettres Society, Home of Dr. Ida Everson
22—Monday	— 8:00 P.M.	S. I. Philatelic Society
	— 8:00 P.M.	S. I. Oratorio Society
	— 8:00 P.M.	Oil Painting
23—Tuesday	— 8:00 P.M.	Nature Study
	— 8:30 P.M.	Treble Ensemble
24—Wednesday	— 7:45 P.M.	Professional Fiction Writing
	— 8:30 P.M.	S. I. Camera Club
25—Thursday	— 8:00 P.M.	Music Forms
29—Monday	— 10:30 A.M.	Magic Show, Park Department
	— 2:30 P.M.	Magic Show, Park Department
	— 8:00 P.M.	S. I. Oratorio Society
	— 8:00 P.M.	Oil Painting
30—Tuesday	— 8:00 P.M.	Nature Study
	— 8:30 P.M.	Treble Ensemble
31—Wednesday	— 10:30 A.M.	Woman's Auxiliary
	— 7:45 P.M.	Professional Fiction Writing
	— 8:30 P.M.	S. I. Camera Club

MUSEUM BULLETIN

VOLUME XXX, No. 7 — APRIL, 1948



"VIEW FROM WAGNER COLLEGE, STATEN ISLAND"

by Henrietta Beaumont

From the Fourteenth Annual Exhibition of Work by
Staten Island Artists.

Opening Reception, Sunday, April 11, 1948, 3:30 P.M.

OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

**18TH ANNUAL EXHIBITION
OF MICROSCOPIC OBJECTS**

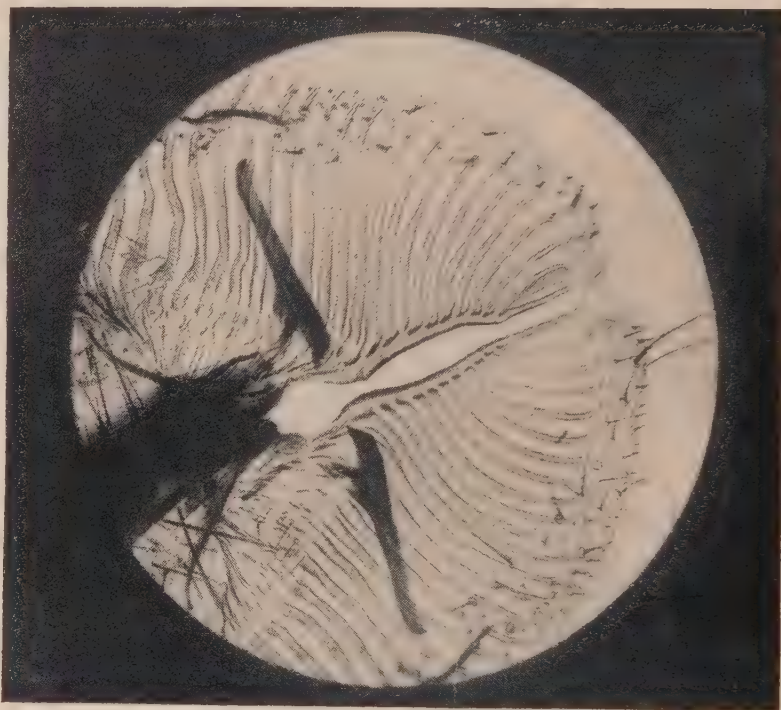
Sponsored by the

S. I. MICROSCOPICAL SOCIETY

SATURDAY, APRIL 17, 1948 — 8 TO 10 P.M.

STATEN ISLAND DAY SCHOOL

45 Wall Street, St. George



"TONGUE OF BLOWFLY"

Photomicrograph by R. F. Lawrence

Each year the Staten Island Microscopical Society sponsors an Island exhibition of microscopical objects in which individual exhibitors, schools, colleges, hospitals and other agencies join in showing the public the results of their study and technical skill.

From the original exhibition of 14 microscopes, through an increasing number of annual exhibitors, the facilities of the Museum have been outgrown and the exhibition has been held for the past three years at the Staten Island Day School.

The variety of exhibits in this annual event insures an interesting evening and the professional nature of many exhibits indicates that it will also be of benefit to all students of microscopy.

MUSEUM BULLETIN of the Staten Island Institute of Arts and Sciences, Vol. XXX, No. 7, April 1948. Published monthly, except June, July and August, by the Staten Island Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island, N. Y., and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912. Roswell S. Coles, Editor.

TRUSTEES' MEETING

The regular quarterly meeting of the Board of Trustees of the Institute will be held in the Museum on Monday, April 19, 1948, at 8:15 P.M.

ANNUAL SPRING EXHIBITION

Jean Leason, *Curator*

The 14th Annual Spring Exhibition by Staten Island Artists will open with a reception in the gallery on April 11th at 3:30 P.M., and will remain in the gallery until May 9, 1948. Each year the number of paintings submitted for the Spring Exhibition has been steadily increasing, and this year each artist was asked to submit one work instead of the usual two. Sixty-one artists are represented by oil, watercolor, black and white, and one piece of sculpture. The still life dominates the subject matter chosen by our artists, and, while most of them add a colorful note, the similarity of subject matter tends to make the show a little monotonous.

The Executive Committee of the Section of Art acted as the Jury of Selection and the Exhibition Committee consisting of Mr. Barbelle, Chairman, Mrs. Eleanor Marshall and Mrs. Leason, took care of the hanging of the exhibition.

This year the Executive Committee invited three New York artists to exhibit with our Staten Island artists, they are: A. Henry Nordhausen, Thomas F. Morris and M. A. Rasko.

The following is the catalogue of the exhibition:

"Birch Trees," Albert Barbelle; "View from Wagner College," Henrietta Beaumont; "Head," Kathleen Beesting; "Mrs. Anne McLean," Ely M. Behar; "Skaters," Cecil C. Bell; "Still Life," Elizabeth A. Blake; "Greetings of Spring," Edith Boecking; "Light and Air," Janet L. Bruns; "Woodland, Evening Haze," F. A. Busing; "If the Waters Could Speak," Henry W. Busing; "Willow Marsh," LeRoy Busing; "Petunias in Seashell," Alice Canady; "The Yellow Wagon," Lawrence Cianchetta; "Winter Night," Aubrey Combs; "My Second Attempt at Figure," Joseph Contessa; "Serenade of Spring," Ester Dahl; "Spring Flowers," Artemis Darson; "Hillside," Fernand O. Fingado; "Serenity," Lola Landry Gerow; "Men at Work," Josephine Giammella; "The Old Apple Tree," Samilla J. Heinzman; "Flowers," Mary T. Howe; "Coal Hopper at 14th St.," Mabel Wellington Jack; "Fulton Street Fish Market," Ernest St. C. Jeans; "Fall Bouquet," James Johnson; "Soft Petals," William Johnston; "The Big Snow," Stan Jorgensen; "Hand with Broken Finger," Melvin Keene; "Cockatoo and Mantis," John Koestner; "The Rose," Etta Konovitz; "Mrs. Francis Stuart," Valerie Korniloff; "Still Life," Marjorie Kuhfahl; "Anemones," Isabel Leason; "Reflections," Jean Leason; "Jean," Percy Leason; "Lady of Peace," (Sculpture) Arthur Lorenzani; "A Stitch in Time," Winifred Macdonald; "Autumn," Louise H. Major; "Victoriana," Eleanor E. Marshall; "Dunham of Albany Road," Alfred McNamara; "Washington County Farm," Thomas F. Morris; "Angelina, Puerto Rico," A. Henry Nordhausen; "Portrait of a Girl," Lena Norman; "Spring Bouquet," Elizabeth F. Nugent; "Yard Limit," Joseph F. Nugent; "Old Dutch Schoolhouse," James R. O'Brien; "The Outlaw," Eldridge Peterson; "Still

Life," M. B. Radding; "Study," M. A. Rasko; "Pirate's Alley," Frank Ray; "Dogwood," Katherine Rodriguez; "Bouquet," Margaret K. Rue; "Adirondack Cottage," Edythe W. Scott; "Surf and Rocks," Libbie Segman; "Glass and Brass," Violet Siemering; "Mortar and Pestle," Isabel Grinnell Simons; "Lake George, N. Y.," Setta Solakian; "South Shore," Julia Von Bevern; "Entrance to the Goodhue Center," Emma L. R. White; "Delaware Dwellings," Frederic Whitaker; "Dorothy," Theodora Wilbur.

School Art: Prize winners for the School Art Exhibition, which will be on display until April 3, are: First, Clara Hargreaves, Port Richmond High School; Second, Kenneth Griffin, McKee Vocational and Technical High School; Third, Janet Bruns, Curtis High School; Special Award, Janis Cohen, Curtis High School.

The Executive Committee of the Section of Art served as judges and awards were made at the opening on March 20 by Mr. William L. Halloran, Principal of Port Richmond High School and a Trustee of the Institute.

SECTION OF PHOTOGRAPHY

William D. Sullivan

The Staten Island Camera Club is rounding out its program for the remaining and most active part of its year, with preparations for field trips, the annual dinner, annual print competition and arrangements for plaques and medals.

On April 7 the monthly business meeting will be held and a good membership turnout is desired because of the many preparations we must make to insure the success of our coming programs.

On April 14, one of the Club's honorary members, Olga E. Irish, A.P.S.A., F.R.P.S., will conduct a portrait workshop session. Mrs. Irish is one of the foremost amateur portrait photographers in the English-speaking world and one of the few American women to be awarded a Fellowship by the Royal Photographic Society of Great Britain. She likes to work with ordinary (you and I) subjects instead of glamour types as she believes that a becoming personal portrait can be made from the most homely of us, bringing out character and pleasing personality. We eagerly look forward to this program but are sorry it must be limited to club members.

The regular monthly color slide competition will be held on April 21. This work is increasing in its interest as we progress in the knowledge of picture-taking for color slides. We are learning that besides good color, all the rules of pictorial photography apply, but we must also do our retouching before the shutter is released. After that it is too late. With the coming of spring we welcome all color slide fans to our meetings and membership.

On April 28 will be our monthly print competition to be judged by Mr. Martin Polk, A.P.S.A. With the approaching end of the season, point scores are becoming stabilized and we look forward to keen competition for the coveted Fabian trophies and other honors.

The Junior Section meets each Saturday at 2 P.M. under the leadership of William D. Sullivan. Good progress is being made and the Juniors now have prints in some of the Staten Island libraries. New Junior members are welcome to join the club. The spring schedule includes interesting field trips, print competition and many other events. Later we expect to take in

new members only twice each year so all new members will have the same advantages of progressive training and older members will not be held back while new ones catch up.

WOMAN'S AUXILIARY

Meeting, April 28, 10:30 A.M. Mrs. Frederick E. Hyde of Manhattan, who recently returned from Europe where she spent some time nursing and working, will give her observations of conditions there. Her experiences were those of a layman and are of a non-political nature.

ANNUAL DESSERT BRIDGE

Mrs. Anselm M. Nascher, President of the Woman's Auxiliary, has announced that the Annual Dessert Bridge will be held on Wednesday, May 19, in the parish hall of St. John's Church, Rosebank. This is the one time during the season when the Woman's Auxiliary seeks to raise money to assist the Institute and you are urged to take part.

The committee for the Bridge has been appointed by Mrs. Nascher. Members are: *General Chairman*, Mrs. Archibald J. Fulton; *Co-chairman*, Mrs. Charles A. Duncker; *Tickets*, Chairman, Mrs. J. H. Hanssen; *Co-Chairman*, Mrs. Clifford J. O'Neill; *Door Prizes*, Chairman, Mrs. Emerson P. Lambe, Mrs. George A. Currie, Mrs. David T. Parke, Mrs. Samuel D. Stickle; *Tea*, Chairman, Mrs. Harry E. Hinkle, Mrs. Helen Bernstein, Mrs. Fred A. Fendel, Mrs. William Gerke, Jr., Mrs. Albert Green, Mrs. James H. Lytle; *Decorations*, Chairman, Mrs. Jackson Springs, Mrs. A. F. Gleckner, Jr., Mrs. J. W. Schrader.

MEMBERSHIP

We are happy to welcome the following new members of the Institute: Mrs. A. D. Blake, Miss Doris Budowitz, Henry W. Busing, G. H. Carstens, José Hidalgo, Ernest St. C. Jeans, George A. Kirchin, Mrs. M. J. Konovitz, Charles A. McLaughlin, Fred W. Nellis, Mrs. Sarah Odell, Mrs. Edythe W. Scott, Mrs. Gladys A. Searle, Mrs. E. A. Soriano, Mrs. Margaret D. Weare, Joseph Werb, Mrs. Maxine P. White, Ted White.

LIBRARY NOTES

Mabel Abbott, *Librarian*

The arrival of a new accession is always an exciting event in the Library. This Library has not room for many books, and the fierce selectivity which this fact enforces, excludes many that we would like to have. However, it also makes sure that those which do get by the watch-dog will have something interesting or useful inside them.

This month it is Erastus Wiman's "Chances of Success," published in Toronto in 1893. Wiman's career was too long and too checkered to be even outlined here, but he was a promoter of large schemes and much in the public eye for a number of years. During most of that time he lived on Staten Island. His large house on St. Mark's Place later became the home of the Elks' Club. He also owned the old Akerly house later known as the Woods of Arden House. He is best remembered here for his concentration of New York communications at St. George. His book is a collection of short stories

and anecdotes, many of which add amusing detail to the history of Staten Island. The last story in the book is about the Island and is entitled "Sweet Home."

"Wonders of the Great Barrier Reef" by T. C. Roughley, is the gift of Charles Ericson, and reminds us that at the November, 1945, dinner of the Institute of Arts and Sciences, Roughley was to address the guests on this subject, but was ill and his address was read and his motion pictures shown by Lloyd Clarke of the Australian News and Information Bureau.

A Staten Island magazine, "The Fair Emprise," published in 1911 is the gift of Mrs. L. H. Hartley Smith. And our collection of *Curtisana* has been increased by a large and excellent photograph of the famous editor, which is on view with other Curtis material on the main floor of the Museum.

APRIL PIANO RECITALS

Mr. Martin will continue his piano recitals on the general subject of Music Forms each Thursday at 8 P.M. The program for April is as follows:

April 1—Variation Form: Handel: "Passacaglia in G Minor;" Byrd: "Prelude and Variations on the Carman's Whistle;" Mozart: "Variations on La Belle Francoise;" Beethoven: "Thirty-two Variations in C Minor;" Schubert: "Impromptus in B flat;" Schumann: "Impromptus on a theme by Clara Wieck."

April 8—Music for and about Children: Schumann, Sonata, Op. 118 in C sharp, "For the Young;" Schumann; "Jugend Album;" Busoni: Sonatina, "Ad Usam Infantis;" Mendelssohn: "Kinderstucke;" Cassella: "Pezzi Infantili;" Schumann: "Scenes from Childhood;" Debussy: "Children's Corner."

April 15—Decline of the Sonata Form: Schubert: Sonata in A Major; Franck: Sonata in A Major for Violin and Piano (Violin, Dr. Hans Haag); Brahms: Sonata in F Minor (first movement); Chopin: Sonata in B Minor (first movement.)

April 22—Nationalities and Exotic Influences: Albeniz: "Tango," "Seguidilla," "Caprice Creole;" Debussy: "Soiree dans Grenade;" "La Puerta del Vino;" Scriabine: "Prelude;" Shostakovich: "Prelude;" Rachmaninoff: "Elegy," "Polichinell;" MacDowell: "Woodland Sketches."

April 29—From Pretonality to Atonality: Frescobaldi: "Toccate e Ricercari;" Bach, Organ Preludes; Beethoven: "Bagatellen," Op. 126; Chopin: "Mazurka in A Minor;" Busoni: "Indian Diary," Nos. 1 and 2; Schoenberg: "Sechs Clavierstucke."

STATEN ISLAND MICROSCOPICAL SOCIETY

Joseph F. Burke, *President*

Meeting of April 7. Mr. Charles Ericson will lead a discussion on the chemistry of soils in relation to plant life, with special reference to conditions on Staten Island.

The Annual Exhibition will be held on the evening of April 17 as outlined elsewhere in this issue of the Museum Bulletin.

At the meeting of March 3, Robert M. Wotton demonstrated the cutting of histological sections with a microtome, continuing the outline of methods given by Mr. Cooper at the November meeting. Mr. Wotton also projected photographs of the cones of illumination formed by various substage condensers. Mr. I. C. G. Cooper projected kodachromes of myxomycetes and Mr. Peter Thein some rock sections including Staten Island serpentines. Consider-

able discussion took place on the serpentines with Mr. Lee A. Ellison reporting on chemical analyses and Mr. Roswell S. Coles reporting upon the literature on the subject during the first decades of the nineteenth century.

NATURAL HISTORY NOTES

Section of Natural History

Edwin Rundlett, *President*

All Day Hike: Saturday, April 3, 9:30 A.M. Anyone interested in steady hiking is invited to take part. The group, led by Mr. Joseph F. Burke will leave the Museum and travel by bus to Forest Ave. and Clove Road from which the "hike" will start at 10 A.M. Lunch will be obtained at the Lighthouse Restaurant in Richmond and the hike ended at the home of Mrs. Elwood Cole, Eltingville.

Field Trip: Saturday, April 10, 2:30 P.M. The regular field trip will visit the Wolfe's Pond area, starting at the corner of Hylan Blvd. and Cornelia Ave., (the road entrance to Wolfe's Pond Park.) and proceeding to the beach and returning to Hylan Blvd.

Special Garden Meeting: Tuesday, April 13, 8 P.M. See announcement of this meeting elsewhere in this Bulletin.

Herbarium Committee: Tuesday, April 13, 7:15 P.M. The Study Group which usually follows this meeting will participate in the special Garden Meeting at 8 P.M.

Study Outing: Saturday, April 17, 3 P.M. In order to extend and clarify their knowledge and to increase the records of the Museum a group of members of the Section of Natural History, under the leadership of Mr. I. C. G. Cooper, have decided to explore intensively certain interesting areas of Staten Island. The first trip will study Buck's Hollow and will meet at the corner of Meisner and Rockland Avenues. Members having specialized interests who are willing to assist in identifying and recording the natural history of the areas under study are invited to join the group. Please advise Mr. Rundlett if you desire to take part.

Monthly Meeting: Saturday, April 24, 8 P.M. Miss Mathilde Weingartner will speak on, "Shells Found on Staten Island Beaches," illustrated by specimens from her own and the Museum collections. A short sound motion picture on Chicago's "Museum of Science and Industry," will be shown.

AN EVENING FOR GARDENERS

A spring "Evening for Gardeners" sponsored by the Horticultural Committee of the Section of Natural History, Mrs. Edgar Sleight, Chairman, will be held in the Museum on Tuesday, April 13, at 8 P.M. Mrs. Frank Hammel, President of the Staten Island Garden Club and former District Director of the New York State Federation of Garden Clubs, will speak on, "The Importance of Gardening." Two colored motion pictures will be shown through the courtesy of Mr. C. F. Scott: "Insects in the Garden," produced by the Canadian Experimental Station, and, "Vegetable Gardening," produced by the National Garden Bureau of Chicago.

The program will be followed by a question and answer period led by Mrs. Hammel, Mr. Scott and Mrs. Sleight. The "Evening for Gardeners" is open to the public and it is hoped that all gardeners and would-be gardeners will attend. A special invitation is extended to veterans who could not attend war-time garden classes but who now wish to make the most of their gardening opportunities.

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

CALENDAR — APRIL, 1948

1—Thursday	—	8:00 P.M.	Music Forms
3—Saturday	—	9:30 A.M.	All Day Hike
5—Monday	—	8:00 P.M.	S.I. Oratorio Society
	—	8:00 P.M.	Oil Painting
6—Tuesday	—	8:00 P.M.	Nature Course
	—	8:30 P.M.	Treble Ensemble
7—Wednesday	—	7:45 P.M.	Professional Fiction Writing
	—	8:00 P.M.	S.I. Microscopical Society
	—	8:00 P.M.	Professional Engineers
	—	8:30 P.M.	S.I. Camera Club
8—Thursday	—	8:00 P.M.	Music Forms
9—Friday	—	8:00 P.M.	Techniques and Drawing of the Figure in Life
10—Saturday	—	2:30 P.M.	Section of Natural History — Field Trip, meeting at entrance to Wolfe's Pond Park on Hylan Blvd.
11—Sunday	—	3:30 P.M.	Reception and Opening of the 14th Annual Spring Exhibition in the Gallery
12—Monday	—	7:00 P.M.	Belles Lettres Annual Dinner at Richmond County Country Club
	—	8:00 P.M.	S.I. Philatelic Society
	—	8:00 P.M.	S.I. Oratorio Society
	—	8:00 P.M.	Oil Painting
13—Tuesday	—	8:00 P.M.	Nature Study
	—	8:00 P.M.	Section of Natural History — Garden Meeting
	—	8:30 P.M.	Treble Ensemble
14—Wednesday	—	7:45 P.M.	Professional Fiction Writing
	—	8:30 P.M.	S.I. Camera Club
15—Thursday	—	8:00 P.M.	Music Forms
17—Saturday	—	3:00 P.M.	Section of Natural History — Study Outing — Corner Meisner & Rockland Aves.
		8:00 P.M.	Institute Meeting — 18th Annual Exhibition of the S.I. Microscopical Society at the S.I. Day School
19—Monday	—	8:00 P.M.	S.I. Oratorio Society
	—	8:00 P.M.	Oil Painting
	—	8:15 P.M.	Trustees' Meeting
20—Tuesday	—	8:00 P.M.	Nature Study
	—	8:30 P.M.	Treble Ensemble
21—Wednesday	—	7:45 P.M.	Professional Fiction Writing
	—	8:30 P.M.	S.I. Camera Club
22—Thursday	—	8:00 P.M.	Music Forms
23—Friday	—	8:00 P.M.	Techniques and Drawing of the Figure in Life
24—Saturday	—	8:00 P.M.	Section of Natural History
26—Monday	—	8:00 P.M.	S.I. Oratorio Society
	—	8:00 P.M.	Oil Painting
	—	8:00 P.M.	S.I. Philatelic Society
27—Tuesday	—	8:00 P.M.	Nature Study
	—	8:30 P.M.	Treble Ensemble
28—Wednesday	—	10:30 A.M.	Woman's Auxiliary
	—	7:45 P.M.	Professional Fiction Writing
	—	8:30 P.M.	S.I. Camera Club
29—Thursday	—	8:00 P.M.	Music Forms
30—Friday	—	8:00 P.M.	Techniques and Drawing of the Figure in Life

JUNIOR MUSEUM ACTIVITIES

SENIOR SCIENCE	-Tuesdays, 7:30 P.M.	Mr. Robert Mathewson
OIL PAINTING	-Wednesdays	Miss Jean Leason
ELEMENTARY DRAWING	Thursdays	Miss Jean Leason
MOTION PICTURES	-Fridays	Mr. Robert Mathewson
BIOLOGY GROUP	Saturdays, 10 A.M.	Mr. Robert Mathewson
JUNIOR STAMP CLUB	Saturdays, 10 A.M.	Mr. Henry J. Murray
JUNIOR PHOTOGRAPHY	Saturdays, 2 P.M.	Mr. William Sullivan

MUSEUM BULLETIN

VOLUME XXX, No. 8 — MAY, 1948



You are cordially invited to attend the Sixty-sixth Annual Meeting of the
Staten Island Institute of Arts and Sciences
Saturday, May 15th at McKee High School
at 8:15 P.M.

See Announcement on Page 58

OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

ANNUAL INSTITUTE MEETING

The annual meeting of the Institute will be held in the auditorium of McKee High School on Saturday, May 15, 1948 at 8:15 P. M. The program, in addition to Institute matters described below, will be a WILLIAM T. DAVIS MEMORIAL LECTURE and, as usual, this is an open meeting to which all are welcome.

The program will consist of a beautiful color film and lecture "Ireland" by Curtis F. Nagel, illustrating the Emerald Isle from Dublin to Galway, Tipperary, Killarney and Cork. You will enjoy this final Davis Lecture of the season.

ELECTION NOTICE

The terms of seven elective Trustees of the Institute expire in May, 1948. These are: Dr. James P. Chapin, Howard H. Cleaves, Isaiah C. G. Cooper, Robert M. Leng, Loretta S. Dreyer, Loring McMillen and William M. Halloran.

Their successors will be elected at the Annual Meeting of the Institute, May 15, 1948. In accordance with the by-laws, a nominating committee consisting of Joseph F. Burke, Chairman, Daniel L. Bridgman, Edwin A. Rundlett, Charles Ericson and Karl Nesslinger was announced by the President at the Institute Meeting on April 17. This committee will submit for election by ballot at the Annual Meeting names of candidates selected by them and any other nominations made by any ten members of the Institute and transmitted to the committee not less than five days prior to the Annual Meeting.

At this meeting newly elected Fellows will be presented and Institute reports will be given.

ANNUAL MEETING OF THE BOARD OF TRUSTEES

The annual meeting of the Board of Trustees of the Institute will be held in the Museum on Monday, May 17, 1948, at 8:15 P. M. for the purpose of electing officers, receiving reports and transacting such other business as may be necessary.

MUSEUM BULLETIN of the Staten Island Institute of Arts and Sciences, Vol. XXX, No. 8, May, 1948. Published monthly, except June, July and August, by the Staten Island Institute of Arts and Sciences, 75 Stuyvesant Place, Staten Island, N. Y. and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912. Roswell S. Coles, Editor.

CHINESE PAINTINGS

Jean Leason, *Curator*



Artist Yi Mai Feng

Who, with her husband, C. Ssu-Tu, will exhibit Chinese paintings in the gallery from May 16 to June 30, 1948.

From May 16 to June 30 we are to present an unusually fine and provocative exhibition of the work of two Chinese painters, Mr. C. Ssu-Tu and his wife, Mrs. Yi Mai Ssu-Tu. The works by Mr. Ssu-Tu are by bamboo-stick, in the Chinese calligraphic technique, the result of extensive war-time travelling throughout Sinkiang and following this as a member of the staff of UNRRA. Mr. Ssu-Tu was educated in Lingnan and Yenching Universities, both American missionary institutions in China. He spent several years in Paris studying under French masters. Both his Chinese heritage and Western training are reflected in his synthesis of Chinese and European conceptions and techniques.

The style of Mrs. Ssu-Tu is that of the traditional scholarly style, free and expressive with a definite feminine touch. Mrs. Ssu-Tu has specialized in the painting of flowers, particularly orchids of which she has depicted over 50 in the Malay Straits Settlement. She was born in the south of China and besides regular schooling she received private instruction from her gifted grandfather who taught her to blend classical literature into the painting of birds and flowers in the traditional Chinese manner.

ART NOTES

The Annual Exhibition of work by Staten Island artists was opened on Sunday, April 11, with 300 members and guests present. Mr. Edward A. Ruppell, Commissioner of Borough Works, was present to open the exhibition which will continue to May 9.

Staten Island scenes painted by members of the Section of Art will decorate the walls of the West Brighton Branch of the New York Public Library starting Saturday, May 1st at 3:30 P. M. The exhibit will be held in conjunction with a special exhibition of Art Books compiled from the collections of the other five library branches on the Island on display that day. During the course of the afternoon Percy Leason will give a demonstration in oil painting. It is hoped that our members will take advantage of the unusual opportunity to see what the Libraries here on the Island have to offer in the way of Art Books.

The Section of Art is cooperating with Miss Patricia Kenny, librarian of the West Brighton Branch, in arranging this exhibition.

The first meeting of the landscape sketching group will be held on Saturday, May 8th, at 1:30 P.M. at the home of Mrs. Ester Tellefsen at 92 Pearl Street, Stapleton. Anyone interested is welcome to join the group.

INSTITUTE COUNCIL MEETING

The regular meeting of the Institute Council will be held in the Museum on Thursday, May 20, at 8 P. M. for the purpose of electing officers, discussing Institute programs for the coming season and making plans for publication of annual reports.

STAFF APPOINTMENTS

Three curatorial departments have been set up in the Museum in order to provide better facilities and care for our collections. These are: History, Charles Coleman Stoddard, Curator; Literature, Miss Mabel Abbott, Curator; and Prints, Daniel Low Bridgman, Curator. Each of these curators is well known on the Island, will bring a wealth of knowledge to his work and will add a great deal to the effectiveness of the Museum. Mrs. Dorothy McCracken will act as Librarian, the position previously filled by Miss Abbott.

MAY PIANO RECITALS

Mr. Martin will continue his piano recitals, Thursdays at 8 P. M. during May. The subjects and programs are:

May 6—Dance Forms: J. S. Bach: "French Suite, E Major;" Beethoven: "Contra Dances;" Brahms: "Waltzes, Op. 39;" Granados: "Danza Triste;" Chopin: "Waltz and Bolero."

May 13—The Virtuosos: Franz Liszt: "Walde-rauschen Etude," "Consolations;" Chopin: "Studies;" Paderewski: "Thème Varié, A Major."

May 20—Free Forms: R. Schumann: "Papillons;" Brahms: "Intermezzos and Capriccios;" Chopin: "Ballad, G Minor," "Impromptus, A flat and F sharp;" Brahms: "Rhapsodies, Op. 79."

May 27—Conclusion: Bach-Liszt: "Transcription of Organ Fugue, A Minor;" Hindemith: "Interlude and Fugue" from "Ludus Tonalis;" Shostakovitch: "Preludes;" Chopin: "Scherzo."

THE WM. T. DAVIS HOME

We are deeply indebted to the Staten Island Savings Bank, Mr. George Hall, President, for the opportunity to preserve the famous Davis home at 146 Stuyvesant Place for at least a few years more. Davis, in his lifetime, undoubtedly made this address better known around the globe than any other on Staten Island. The extent to which we can use the Davis home will depend largely on how much such a residence can fit into the rather strict building codes of the City of New York and ordinarily the announcement of such an important step would be held up until more definite information could be obtained. However, this is the final *Bulletin* of the season and we know that hundreds of friends of Mr. Davis, both on the Island and throughout the world, will welcome even this incomplete announcement.

NEW YORK CITY GOLDEN ANNIVERSARY

The Staten Island Institute of Arts and Sciences, both as a public institution and as a cultural center for the Borough of Richmond, is making extensive plans to assist in the celebration of the Golden Anniversary of the City of New York, of which Hon. Grover Whalen is Chairman. A City-wide committee representing our cultural institutions has been planning an imposing exhibition for the City exposition opening in the Grand Central Palace on August 23, 1948 while another is planning for participation in the Fifth Avenue parade to be held on June 12.

We are also preparing to cooperate in the Borough celebrations under the leadership of Borough President Cornelius A. Hall and the Committee Chairman, Mr. Joseph Boylan. The Museum is planning a special exhibition to be installed during the summer, a program in keeping with the anniversary spirit and a special publication for the fall of 1948.

Several agencies have already contacted the Museum for information concerning the City and Borough backgrounds and we are glad to assist any group to the full extent of our facilities.

WOMAN'S AUXILIARY

Mrs. Anselm Nascher, *President*

Annual Dessert Bridge

May we remind you once again that our Annual Card Party will be held on Thursday, May 13, at 1:30 P. M., at St. John's Parish House, 1331 Bay Street, Rosebank. There will be uniform table prizes and a door prize for each table. We thank our members and many friends for their generosity in making donations of cakes and prizes. Do come and enjoy the afternoon with us.

Annual Meeting

On Wednesday, May 26, at 10:30 A. M. we will hold our final meeting of the season. Annual reports will be submitted and election and installation of officers will be held. A new color motion picture, "Pennsylvania," will be shown.

WHAT'S IN A NAME?

Charles C. Stoddard, *Curator*



View of Salt Pond at "Old Place", one of Staten Island's interesting place names, from a photograph taken in 1912 and reproduced in Leng and Davis' "Staten Island and Its People", page 8.

One of the greatest services the late William T. Davis contributed to his beloved Staten Island was the publication, the *Proceedings of the Natural Science Association*, Vol. V, 1896, of his *Ye Olde Names and Nicknames of Staten Island*. In these articles he preserved for all time much of the rich tradition that has given color and distinction to our beautiful borough of Richmond. Place names that were given not haphazard, as one might think, but united intimately with our history or commemorating families or events which are inseparable from our individuality.

There is a tendency in the suburban areas of all large cities, particularly New York, to submerge all local color in the identity of its greater neighbor. Whether this stems from commercial convenience or from a vain-glorious pride in claiming citizenship in "no mean city", it is to be regretted. Changes must come, buildings must be destroyed to make way for "progress," often old streets must be closed or renamed to avoid duplication, as the great neighbor spreads its tentacles like an octopus, but the geography and physical characteristics do not change appreciably.

Lately this tendency has been accentuated by the adoption by the Post Office of the numerical zone system, and the ill-advised insistence by some of dropping all local addresses for merely "Staten Island" and a number. This is all bosh and nonsense! It adds nothing to the value of the system, and it is a distinct danger to our Island which everyone should combat. London and

other European cities which have long used this system have not found it either unnecessary or useless to retain their time-honored names.

Philadelphia and Boston, particularly New England, have been jealously proud of keeping and guarding their local place and street names, beautiful in themselves and a potent factor in the attraction of both residents and tourists. We will match our own with any of them: Prince Bay, Mariners Harbor, Greenridge, Pleasant Plains, Bull's Head, New Dorp and the Old Town, Great Kill (as it should be—there is only one "kill"), and a score of others, to say nothing of our many "Hills", and such fine importations as Arrochar, Clifton, Grasmere, New Brighton and West New Brighton, with all their associations.

It is such names as these that have attracted thousands to our shores, many to remain and to make their homes here. Staten Island probably always will be a borough of homes. Every homemaker appreciates a fine address to present to his friends, he does not wish to be designated by a "number," like a football player or a convict. It is this that has led men in all ages to give appropriate names to their estates, large or small, and to hold these names as sacred as their household goods.

Are we to sacrifice this fine sentiment for the benefit of a few lazy clerks or for the time-worn excuse of "progress", which upon thought is not progress at all?

The Editor of the *Staten Island Advance*, comments recently, "The name and number—that's all that's required". (Is that so?) "But how about the average resident, will he let this business brevity efface his thinking?—We doubt it (Bravo!) for the average Islander has an affection for the town names and their ambiguous boundaries. Just as few Staten Islanders will admit they come from 'New York City' but insist on 'Staten Island', so most residents will prefer their Port Richmond or Tottenville to the sweeping generalization of Staten Island *plus a number*."

And there is basically a deeper significance. The soundest foundation of good citizenship is community spirit, and the first asset of community spirit is a knowledge of the history and tradition of one's own neighborhood. The most important way to preserve this history is in the retention of its local

(Continued on Page 67)

STATEN ISLAND ORATORIO SOCIETY

The Staten Island Oratorio Society, Mr. W. N. Meyer, President, has announced that Mr. Harry Russell, well known conductor and organist, will direct the society, taking the place of Prof. John L. Bainbridge. The Society is currently studying Handel's *Messiah* for a presentation in the fall and anyone interested in taking part is welcome. Rehearsals are held each Monday in the Museum.

LIBRARY NOTES

Mabel Abbott, *Curator*

An interesting visitor to our Library recently was the Rev. Mateo H. J. Suiker, of Culemborg, Holland, who came to see what he could find in reference to the family of Mother Seton.

This famous woman, who was the founder of the Sisters of Charity in the United States, was the grand-daughter of the Rev. Richard Charlton, Rector of St. Andrews Church 1747-1777; the daughter of Dr. Richard Bayley, first health officer of the port, who is buried by the south wall of St. Andrews; and a cousin of John Charlton Dongan, descendant of Colonial Governor Dongan. She married William Seton, a New York merchant, and later entered the Catholic Church. According to Father Suiker, she lived on Staten Island for possibly two or three years, about 1801.

Father Suiker, who has spent twelve years among the Indians of Bolivia, came to New York about a year ago. He became interested in what seemed to him a remarkable lack of detailed information about the background of a woman whose work is so well known, and set about finding out more. He has already accumulated considerable data from old books and records, and his findings probably will be published, though in what form he is not yet ready to say. We are glad to know that he found in this library some additions to his material.

BRITTON MEMORIAL GARDEN

Plant Sale

A Plant Sale for the benefit of the Britton Wildflower Garden will be held in the Institute on Tuesday, May 18, from 1:30 to 4 P. M. The Committee, consisting of Mrs. Joseph Neumann, chairman, Mrs. Frank J. Hammel, Mrs. Stephen J. Botsford, Mrs. John P. Dicke, Mrs. Anselm M. Nascher, Mrs. Karl Nesslinger and Edwin Rundlett, has made arrangements for a very interesting and profitable afternoon for those garden lovers who have surplus material or who want to add to their collection of interesting plants. The Committee is being assisted by the Woman's Auxiliary and the Staten Island District Federated Garden Clubs. Donations of seeds, plants, cut flowers and shrubs will be received in the Museum on May 18th between 10 and 12 noon. Tea and cake will be served. Please notify Mrs. Neumann, 36 Ellicott Place, Gib. 7-7766, if you have material to donate.

NECROLOGY

Herbert F. Stone: The passing of Mr. Stone in his 88th year, on March 26, 1948 will recall to many members his long association with Institute affairs, particularly the old Bird Club, his house on what Mr. Davis used to call "Stone Mountain," and his little Renault car so conspicuous at nature gatherings. Mr. Stone was born July 14, 1860 at Wilmington, Ill. and was elected to the Institute in 1920.

Adolph Rottman: Mr. Rottman was born in Clifton 79 years ago and died on March 26, 1948. He was elected to Institute membership in 1923 and with Mrs. Rottman was active in the S. I. Horticultural Society. His little greenhouse at 86 University Place, West Brighton, was always a pleasant place to visit.

STATEN ISLAND MICROSCOPICAL SOCIETY

Joseph F. Burke, *President*

Meeting of May 5. Mr. George E. Ashby and Mr. Peter Thein will project, under polarized light, thin sections of serpentine rocks. Exhibition of specimens preceding meeting, from 7 P. M., under Mr. Cooper.

At the meeting of April 7 a large attendance took part in a discussion of soils in relation to plant life, with special reference to the serpentine. The discussion was developed from a paper read by Mr. Ericson.

The 18th Annual Exhibition which constituted the 340th meeting of the Institute, was held on the evening of April 17th. Many exhibits of unusual interest were shown. Members and guest of the Society, prominent educators in biology on Staten Island with students from their classes, and several members of the scientific staffs of local institutions participated. Added to the display of microscopic objects under the microscopes, were sound motion pictures as part of the Wagner College exhibit and kodachrome pictures of myxomycetes by Robert J. O'Connor.

Agencies taking part, in addition to Wagner College, included: Augustinian Academy, Curtis High School, New Dorp High School, Port Richmond High School, Staten Island Day School, Staten Island Cancer Committee, Staten Island Zoological Society, City of New York, Department of Health and the Museum Senior Science Club.

The committee which arranged the exhibition consisted of: I. C. G. Cooper, Chairman; Dr. Ralph E. Deal, Roswell S. Coles and Robert Mathewson.

SECTION OF PHOTOGRAPHY

William D. Sullivan

The monthly business meeting of the Staten Island Camera Club will be held on Wednesday, May 5th, and as there is a large amount of business on the agenda all members should attend. The nominating committee will report at the Annual Election on June 9th.

On May 12th Mr. Charles Zapata, one of the star members of the Inwood Camera Club will give a lecture demonstration.

On May 19th the monthly color slide competition will be followed by a lecture on Color Separation Negatives by Dr. J. Q. Umberger of Dupont Defender.

On May 26th the monthly print competition will be held and it will be judged by Mr. Arthur S. Mawhinney, F.P.S.A. Mr. Mawhinney is a member of Pictorial Photographers of America and the Miniature Camera Club and is famous as a dog photographer.

NEW MEMBERS

We are happy to welcome the following new members: Charles F. Braun, Miss Mary A. Coleman, Eldridge Peterson, Mrs. Leo E. Sherman, Mrs. John L. Stelling and Mrs. Marie Vlassenko.

NATURAL HISTORY NOTES

Section of Natural History

Edwin Rundlett, *President*

Spring Bird Walks

Mr. Casimir Redjives, chairman of the Bird Committee, announces that the annual bird migration will be studied again this Spring on the following Sunday morning bird walks:

May 2—8 A. M. Richmond Road and Rockland Ave., Egbertville

May 9—8 A. M. Main entrance to Barrett Park for a walk through the Park to Clove Lakes

May 16—8 A. M. Todt Hill Road and Richmond Road

Regular Field Trip: A special treat is planned for the Regular Monthly Field Trip on May 8, which will consist of a visit to the Brooklyn Botanic Garden. Mr. Charles Ericson and Mr. Rundlett will lead the walk which will coincide with Cherry Blossom time which has been designated as Botanic Garden week in Brooklyn. The group will take the 1:30 P. M. boat from Staten Island. At South Ferry take the West Side Interborough Subway to Chambers Street. Change to Brooklyn Express marked "New Lots Avenue" or "Flatbush Avenue," and get out at Eastern Parkway-Brooklyn Museum Station. Mr. Ericson will meet the group at the main entrance to the Garden, close to the subway station.

Monthly Meeting: On Saturday, May 22, 1948, John C. Pallister of the Department of Insects and Spiders of the American Museum of Natural History, will speak on "An Entomological Expedition to Peru." Mr. Pallister, a member of the Explorers' Club, spent nine months in the interior of Peru and will illustrate his story of this expedition with colored slides and moving pictures.

Study Group: On May 11 the Herbarium Committee will meet at 7:15 P. M., and at 8 P. M. the regular meeting of the Study Group will be held to pursue detailed study in specific fields.

Study Outing: Saturday, May 15, 3 P. M. The second outing for intensive study of a specific area will be held under the leadership of Mr. I. C. G. Cooper. The group will meet at Meisner and Rockland Avenues again to continue their study of the Buck's Hollow area. Please advise Mr. Rundlett if you desire to take part.

JUNIOR MUSEUM ACTIVITIES

SENIOR SCIENCE—Tuesdays, 7:30 P.M.	Mr. Robert Mathewson
OIL PAINTING—Wednesdays	Miss Jean Leason
ELEMENTARY DRAWING—Thursdays	Miss Jean Leason
MOTION PICTURES—Fridays	Mr. Robert Mathewson
BIOLOGY GROUP—Saturdays, 10 A.M.	Mr. Robert Mathewson
JUNIOR STAMP CLUB—Saturdays, 10 A.M.	Mr. Henry J. Murray
JUNIOR PHOTOGRAPHY—Saturdays, 2 P.M.	Mr. William Sullivan

WHAT'S IN A NAME?

(Continued from Page 63)

place-names, ascribed from its unique physical features or which have grown up with it from time immemorial.

A committee of the Citizens Union of New York recently issued a report advocating a plan for the re-creating of individual communities within the City of New York "guided in part by the historical pattern of the old neighborhoods." The citizen, further says the report, "cannot easily take hold of anything so vast as New York City, but he can feel a part of his neighborhood if it has a separate existence".

This pattern already exists for Staten Island. The Island originally was made up of a group of small towns and localities, many of them of historical importance, and we, as Staten Islanders, always have insisted upon preserving their local names and identities as one of our greatest heritages.

Meanwhile, I trust you will continue to address me at "Richmond(town), Staten Island 6, New York; not by "name and number" only.



Betty Holmes Brook, at "Greenridge", from a photograph by William T. Davis, 1921, reproduced in "Staten Island and Its People", page 6.

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

CALENDAR—May, 1948

2—Sunday	—	8:00 A.M.	Bird Walk — Richmond Road and Rockland Ave.
3—Monday	—	8:00 P.M.	S. I. Oratorio Society
4—Tuesday	—	8:00 P.M.	Nature Study
	—	8:30 P.M.	Treble Ensemble
5—Wednesday	—	7:45 P.M.	Professional Fiction Writing
	—	8:00 P.M.	S. I. Microscopical Society
	—	8:00 P.M.	Professional Engineers
	—	8:30 P.M.	S. I. Camera Club
6—Thursday	—	8:00 P.M.	Music Forms
7—Friday	—	8:00 P.M.	Techniques and Drawing of the Figure in Life
8—Saturday	—	1:30 P.M.	Section of Natural History—Field Trip to Brooklyn Botanic Garden. Take 1:30 P.M. boat from Staten Island Ferry
	—	1:30 P.M.	Section of Art—Landscape Sketching at 92 Pearl Street
9—Sunday	—	8:00 A.M.	Main Entrance of Barrett Park for a walk through the Park to Clove Lakes
10—Monday	—	8:00 P.M.	S. I. Philatelic Society
	—	8:00 P.M.	S. I. Oratorio Society
11—Tuesday	—	8:00 P.M.	Nature Study
	—	8:00 P.M.	Section of Natural History — Study Group
	—	8:30 P.M.	Treble Ensemble
12—Wednesday	—	7:45 P.M.	Professional Fiction Writing
	—	8:30 P.M.	S. I. Camera Club
13—Thursday	—	1:30 P.M.	Woman's Auxiliary Card Party, St. John's Parish House, Rosebank
	—	8:00 P.M.	Music Forms
15—Saturday	—	3:00 P.M.	Section of Natural History — Study Outing — Corner Meisner & Rockland Avenues
	—	8:15 P.M.	William T. Davis Memorial Lecture at McKee High School
16—Sunday	—	3:30 P.M.	Belles Lettres Society, Home of Mr. & Mrs. Raymond M. Safford
17—Monday	—	8:00 P.M.	S. I. Oratorio Society
	—	8:15 P.M.	Trustees' Meeting
18—Tuesday	—	1:30 P.M.	Plant Sale
	—	8:00 P.M.	Nature Study
	—	8:30 P.M.	Treble Ensemble
19—Wednesday	—	7:45 P.M.	Professional Fiction Writing
	—	8:30 P.M.	S. I. Camera Club
20—Thursday	—	8:00 P.M.	Institute Council
	—	8:00 P.M.	Music Forms
21—Friday	—	8:00 P.M.	Techniques and Drawing of the Figure in Life
22—Saturday	—	8:00 P.M.	Section of Natural History
24—Monday	—	8:00 P.M.	S. I. Philatelic Society
	—	8:00 P.M.	S. I. Oratorio Society
25—Tuesday	—	8:00 P.M.	Nature Study
	—	8:30 P.M.	Treble Ensemble
26—Wednesday	—	10:30 A.M.	Woman's Auxiliary
	—	7:45 P.M.	Professional Fiction Writing
	—	8:30 P.M.	S. I. Camera Club
27—Thursday	—	8:00 P.M.	Music Forms

MUSEUM BULLETIN

VOLUME XXX, No. 9—SEPTEMBER, 1948

ANNUAL REPORTS



The William T. Davis House, 146 Stuyvesant Place.
The new Offices and Library of the Institute.
Photo by Robert Mathewson.

OF THE

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

STATEN ISLAND, NEW YORK

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

July 1, 1948

Officers

President.....	Dr. James P. Chapin
First Vice-President.....	Dr. Frank A. Strauss
Second Vice-President.....	Edna L. Hoffmeyer
Treasurer.....	Robert M. Leng
Secretary.....	Roswell S. Coles

Board of Trustees

TERMS EXPIRE 1949

Joseph F. Burke
Edna L. Hoffmeyer
Lee A. Ellison
Alfred Shriver
Cornelius G. Kolff
Joseph A. Palma
Dr. Frank A. Strauss

TERMS EXPIRE 1950

Andrew M. Anderson
Viola M. Carew
Edward G. Baker
Mildred S. Grimes
Edward L. Love
Edward M. Stothers
Daniel L. Bridgman

TERMS EXPIRE 1951

Dr. James P. Chapin
Howard H. Cleaves
Isaiah C. G. Cooper
Robert M. Leng
James J. Mallen
Loring McMillen
Frederick H. Zurmuhlen, Jr.

Ex-officio Members

The Mayor of the City of New York

Hon. William O'Dwyer

The Commissioner of Parks

Hon. Robert Moses

The President of the Borough of Richmond

Hon. Cornelius A. Hall

The Assistant Superintendent of Schools in the Borough of Richmond

Dr. I. Victor Burger

Staff

ADMINISTRATION

Director.....Roswell S. Coles

Administrative Assistant.....Carla E. Nesslinger

LIBRARY

Librarian.....Dorothy A. McCracken

Research Associate, Genealogy.....Frank P. Bascom

CURATORIAL DEPARTMENTS

Art.....Jean Leason

History.....Charles C. Stoddard

Literature.....Mabel Abbott

Natural History.....Robert Mathewson

Davis Collections.....John Koestner

Research Associate, Myxomycetes.....Robert J. O'Connor

Music.....Harry A. Russell

Prints and Photographs.....Daniel L. Bridgman

MAINTENANCE

Janitor.....Howard Coleman

Watchman.....Harrison Johnson

Custodian, Britton Cottage.....Capt. John Wilson

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES



Frank E. Gunnell receiving the Wallich Trophy from William J. Hunn, Past President of the S. I. Camera Club, at the Annual Dinner of the Club, June 26, 1948.
Photo by Ted White.

ANNUAL REPORTS 1947-1948

FOREWORD

These Annual Reports conclude the sixty-sixth year of the Staten Island Institute of Arts and Sciences. As you read these reports you will, I am sure, take pride in the work the Institute is doing on Staten Island and also value your membership in the Society more highly.

Such a program as outlined below is possible only because of the splendid cooperation of many individuals who have given generously of time and money to further the arts, sciences and history on Staten Island. We are particularly indebted to the Staten Island Savings Bank, Mr. George Hall, President, for permission to use the residence of the late William T. Davis as an adjunct to the Museum. In this famous house at 146 Stuyvesant Place the Institute will maintain its offices and library, thus permitting a greater use of the Museum for exhibitions and activities.

JAMES P. CHAPIN, President

REPORT OF THE SECRETARY AND DIRECTOR

The Institute functioned during the year with seven sections, four affiliated societies and the Woman's Auxiliary. There are: 1 honorary member, 5 patrons, 7 fellows, 43 life members, 541 annual members, 357 members of the Woman's Auxiliary and about 300 associate members.

Activities were coordinated by the Institute Council which held two meetings to arrange for programs and publications. In May, 1948 the following officers were elected: President, W. N. Meyer; Vice President, Walter Kuhn and Secretary, Carla E. Nesslinger. In May the folk dance section was discontinued and this activity will, hereafter, be carried on as a regular adult class.

At the annual meeting of the Board of Trustees on May 17, 1948 the officers of the Institute were re-elected. Two new trustees were elected at the annual Institute meeting to take the place of Mr. William Halloran and Mrs. John Dreyer who had resigned. They are Borough Director of Parks, Mr. James J. Mallen and Commissioner of Public Works, Mr. Frederick H. Zurmuhlen, Jr. Trustees re-elected were: Dr. James P. Chapin, Mr. Howard H. Cleaves, Mr. Isaiah C. G. Cooper, Mr. Robert M. Leng, and Mr. Loring McMillen.

The William T. Davis scholarship at Wagner College was again held by Miss Nieves Ribes.

Preliminary steps have been taken to celebrate the Golden Anniversary of the City of New York. Since the Institute is, in part, a tax supported institution, it contributed to the exhibition of City departments at the Grand Central Palace opening August 23 and a special Museum exhibition and publication have been planned for October.

Three new curatorial departments were set up during the year with the following curators: History, Charles Coleman Stoddard; Prints and Photographs, Daniel L. Bridgman; Literature, Miss Mabel Abbott. Mrs. Dorothy McCracken was appointed Librarian.

During the year the staff took an active part in community affairs. The Director served as President of the Rotary Club and the Staten Island Chapter, Sons of the American Revolution as well as on the Boards of Directors of the Staten Island Symphony Society, the Y.M.C.A. and the School Art League. Mr. Mathewson took an active part in the formation of the Staten Island Youth Council. Mr. Stoddard continued to serve as Corresponding Secretary of the Historical Society and Editor of the *Staten Island Historian*. Mr. Bridgman served as member of the Board of Directors of the Lions Club, member of the Executive Board of the Boy Scouts of America, Director of the Conference House Association and the S. I. Historical Society.

We are sorry to record the deaths of seven members already noted in our previous *Bulletins*: W. R. Britton, Mrs. Joseph Latham, Herman W.

MUSEUM BULLETIN of the Staten Island Institute of Arts and Sciences, Vol. XXX, No. 9, September, 1948. Published monthly, except June, July and August, by the Staten Island Institute of Arts and Sciences, 75 Struyvesant Place, Staten Island, N. Y. and entered as second class matter at Staten Island, N. Y., under Act of August 24, 1912. Roswell S. Coles, Editor.



President James P. Chapin receiving the lease for the Davis House from Mr. Eduard C. Meurer, Vice-President of the S. I. Savings Bank, at the Annual Institute Meeting, May 15, 1948.
Photo by Robert Mathewson.

Ordeman, Prof. David Varon, Herbert F. Stone, Adolph Rottman and John A. Guion. To these must be added Capt. Thomas I. Miller for twenty-two years a member of the Institute and an active participant in the meetings and exhibitions of the Microscopical Society. He was particularly interested in radio-active minerals and during his life was a generous donor to our collections. Capt. Miller who died May 27, was 93 years old.

We must also record the passing of Mr. Howard A. Flynn, for 15 years the Governor of Sailors Snug Harbor until his retirement last fall, and a warm friend and member of the Institute. Gov. Flynn died at Machiasport, Maine, June 13, 1948.

The many friends of Mrs. L. H. Hartley Smith will regret her passing on July 9, 1948. Mrs. Smith was for years an active member of the Belles Lettres Society and an indefatigable worker in many community organizations, particularly the Staten Island Welfare Council and the League of Women Voters. Her cheerful support of Island civic projects will be greatly missed.

Fellows: Dan Harper, Managing Editor of the *Staten Island Advance*, and Frank E. Gunnell, color photographer, were elected Fellows of the Institute by the Board of Trustees on April 19, 1948. Presentations were made by Dr. Chapin at our annual meeting on May 15.

DAN HARPER
(Journalism)

For sixteen years you have been connected with the *Staten Island Advance*, eleven of them as Managing Editor. In that time you have directed

a successful newspaper which has brought not only local and national news to our community but also has acted as a unifying force on our Island, all within the shadow of our great metropolitan newspapers.

Your success in the field of Journalism has led to other awards. You have been elected a member of the Society of Silurians in recognition of your twenty-five years in Journalism and you have been elected an Honorary Fellow in Journalism by Wagner College.

You are also devoting yourself to community service, particularly as a member of the Board of Managers of the Staten Island Branch of the Y.M.C.A., the Board of Directors of the Staten Island Zoological Society and a member of the Kiwanis Club.

In recognition of your long and useful service to your community you have been elected a Fellow of the Staten Island Institute of Arts and Sciences by unanimous vote of the Board of Trustees on April 19, 1948.

FRANK E. GUNNELL
(Photography)

You are a native Staten Islander who has achieved renown in the field of colored motion pictures, having produced six which have been selected as one of the Ten Best non-theatrical films of the year as well as five honorable mentions. You have also won the grand prize by the Canadian National Film Board in 1943, the Hiram Percy Maxim Award in 1945, the first prize in the Metropolitan Motion Picture Club annual contest in 1946 and the Union Pacific Railroad prize in 1947.

For three consecutive years your moving pictures have been featured in the annual shows of the Metropolitan Motion Picture Club Council and have won four first awards of the Metropolitan Motion Picture Club.

You have also written many articles on Photography and are a teacher of Photography. You have been elected a Fellow of the Amateur Cinema League and an associate of the Photographic Society of America.

In recognition of your achievements in the field of Photography you have been elected a Fellow of the Staten Island Institute of Arts and Sciences by unanimous vote of the Board of Trustees on April 19, 1948.

City of New York The City of New York, through Mayor William O'Dwyer and Commissioner of Parks Robert Moses, has continued its support of the Museum and we take this opportunity to express our gratitude for this generous assistance.

Salary increases of \$250.00 were granted as of July 1, 1948 making a total City contribution of \$22,490.00 for salaries and \$1,735.00 for other than personal service. Repairs to the building and boiler conversion are scheduled for the summer of 1948 with an appropriation from the capital budget of \$6,800.00.

Britton Memorial Cottage and Garden Work has continued on the Memorial Wild Plant Garden. The wire and picket fences have been erected, the pool made and the water supply installed. Contributions of \$644.00 have been made during the year. Actual planting has been delayed until a new custodian is installed.

In January Mr. Loring McMillen resigned as chairman of the Cottage Committee and Dr. Chapin combined the two committees under the direction

of Mr. I. C. G. Cooper. Serving with him are Mrs. Robert E. Carew, Mrs. John P. Dicke, Mr. Lee A. Ellison, Mrs. Jacob Flatow, Mrs. Willard M. Grimes, Mr. Robert Mathewson, Mrs. Anselm Nascher, Mr. Edwin Rundlett, Mrs. Edgar Sleight, and Miss Mathilde Weingartner. Mrs. Dicke and Mrs. Joseph Neumann served as chairmen of the fall and spring plant sales respectively.

Library Two hundred thirty-four books, pamphlets and newspapers have been added to the library through gifts or purchase from the John J. Croke Fund. In addition, periodicals from 82 exchanges have been received. Of particular interest are a part of the library of George William Curtis, a collection of papers from the Kreischer family, received from Miss Louise Kreischer, 60 books on oceanography from Capt. Thomas I. Miller and 22 books and pamphlets on antarctic exploration from Walter B. Hayward.

During the summer of 1948 the library, excepting newspaper files and scientific periodicals, was moved to the Davis House where it may be consulted daily from 9 to 12 and from 1 to 5 o'clock.

Accessions There have been 215 accessions during the year of 1193 objects in all classifications including, Natural History, 536; Historical, 88; Books, 234; Prints, 10; Photographs, 80; Paintings, 22, objects of art, 3; miscellaneous, 220. Some of these deserve special mention: Moths and Butterflies from Mrs. Rose Eisinger; photographs of ferry terminal construction from Tryon P. Edwards; exhibition cases from the Staten Island Zoological Society; books on oceanography from Capt. Thomas I. Miller; books on the Antarctic from Walter B. Hayward; a fine collection of family portraits and other objects from Miss Louise Kreischer; a photograph of T. Livingstone Kennedy from Mrs. Charles G. Stiles and a part of the George William Curtis library through purchase.

Exhibitions As in the past the Museum and its exhibitions consumed the major part of our energies. On October 12, 1947 we held a Museum Open House for which all sections and affiliated societies prepared special exhibits including the opening of the Annual Exhibition of work by artist members. The Camera Club maintained exhibits of photographs in the auditorium and the Philatelic Society continued its special exhibits during the year. Miss Mathilde Weingartner provided seasonal exhibits of natural history material. Eight exhibitions of paintings were held in the gallery and 6 others in Staten Island libraries. Of special note was the Annual Exhibition of Microscopic Objects in which schools, colleges and other institutions took part.

Education Thirteen courses for adults were given during the year with a total registration of 239. One hundred and nine teachers received in-service credit through the cooperation of the Board of Education and Dr. I. Victor Burger, Assistant Superintendent of Schools. The following were instructors: Prof. John L. Bainbridge, Mrs. Sarah Root Chapin, Roswell S. Coles, Percy Leason, George Martin, Robert Mathewson, Miss Phyllis Whitney.

Mr. Mathewson gave 36 illustrated talks to 5,400 Staten Island school students and 139 other classes visited the Museum. Thirty-eight loans of museum objects, photographs, lantern slides and moving pictures were made.

Regular Museum classes for young people in painting and science were continued by Miss Leason and Mr. Mathewson. Mr. Henry J. Murray and Mr. William Sullivan conducted weekly meetings of the Stamp Club and Photography Club and moving pictures were shown each Friday.

Activities Ten hundred and forty-seven classes, meetings and lectures were held, 487 for adults and 560 for young people, an increase of 107 over the year previous. Total attendance was 54,823, a decline of 4,385, presumably due to the bad weather during January and February.

Regular Institute meetings were held each month from October through May, including four William T. Davis Memorial Lectures.

October 12, 1947: Davis Memorial Lecture — Commander Irving Johnson, "Sailing to Sea."
November 12, 1947: Annual Institute Dinner — Dr. Frank Guy Armitage,

"Dickens and His Queer Folk."
December 15, 1947: Christmas Concert — Staten Island Oratorio Society,
Bach's "Christmas Oratorio."

January 17, 1948: Davis Memorial Lecture — Maynard M. Miller, "Yahtsetasha."
February 21, 1948: Institute meeting — Col. Edwin H. Cooper, "Palestine Today."

March 13, 1948: Davis Memorial Lecture — Dr. Alfred M. Bailey, "Mormon Land."

April 17, 1948: "Eighteenth Annual Exhibition of Microscopical Objects," — by the
Staten Island Microscopical Society

May 15, 1948: Annual Meeting and Davis Memorial Lecture — Curtis Nagle,
"Glorious Ireland."

Donors The following members and friends have generously donated objects for the Museum, books or money. We take this opportunity of expressing our appreciation for their cooperation and support.

Miss Mabel Abbott	Robert Mathewson
George E. Ashby	Mrs. Eileen McGowan
David S. Bellows	Albert Melniker
Clare Brown	Capt. Thomas I. Miller
Elliott Burgher	Karl O. Nesslinger
Mrs. A. Stirling Calder	Joseph S. Pellegrino
Castle Manor Garden Club	Miss Mary Philp
Louis Cavnotti	Raymond J. Reddy
Mr. & Mrs. Roswell S. Coles	Mrs. Kathryn Renfield
Charles Daley	Roger Roughton
Mrs. John P. Dicke	Section of Art
Tryon P. Edwards	S. I. District, N. Y. Federation of
Mrs. Rose Eisinger	Garden Clubs
Lee A. Ellison	S. I. Philatelic Society
George Engles	S. I. Poetry Society
Charles Ericson	Mr. & Mrs. Edgar Sleight
Mrs. Carlos Esteves	Mrs. L. H. Hartley Smith
Dr. Ida G. Everson	Otto Sollhaben
Faculty of P. S. 41	Mrs. Charles G. Stiles
Gov. Howard A. Flynn	Donald M. Stock
Mrs. T. N. Garson	Mrs. Medad Stone
Clyde Gordon	Dr. Frank A. Strauss
John A. Guion	Miss Katherine Sweeney
Dr. Vernon B. Hampton	Prof. David Varon
Walter B. Hayward	Wagner College
Mrs. Lydia B. Head	Dr. John S. Ware
Mrs. A. W. Hoffmeyer	Mrs. Francis D. Weaver
Mrs. William H. Jefferson	Miss Mathilde Weingartner
Louis W. Kaufmann	Edgar Werner
Mrs. S. Adolphus Knopf	B. F. Williamson
Allen Kramer	James F. Willis
Miss Louise Kreischer	Woman's Auxiliary
Percy A. Leason	

Roswell S. Coles

REPORT OF THE WOMAN'S AUXILIARY

The Woman's Auxiliary has completed its twenty-ninth year of association with the Institute. Meetings have been held on the last Wednesday of each month, from October through May and the Executive Board meetings on the third Monday of each month. Officers for the year were: President, Mrs. Anselm Nascher; First Vice-President, Mrs. Frederick F. Richardson; Second Vice-President, Mrs. Harry Hinkel; Third Vice-President, Mrs. A. F. Taber; Recording Secretary, Mrs. Thomas J. Bothwell; Corresponding Secretary, Mrs. Carl Schaefer; Treasurer, Mrs. Edward Bungay.

The highlight for the season was the President's Reception and Tea, held at the Institute on October 29th. Among the three hundred or more who attended, were several Past Presidents and Presidents from the various Women's Clubs of Staten Island. Five members affiliated with the Auxiliary for twenty-five years or more were honored at the December meeting.

Mrs. C. Payne Sheltman, Program Chairman, presented a most interesting and entertaining program, covering a wide variety of subjects. Mr. Robert Mathewson, Natural History Curator, showed pictures entitled "Wings to Alaska" and "Oil of Peru." Mr. Thomas K. Drury, associated with the "Lighthouse Division" of the New York Association for the Blind told of the work they do in order that the blind may lead useful and interesting lives. He displayed several articles that were made at the institution.

No season would be complete without the Countess Leonardo de Murabito. Garbed in a Spanish costume over one hundred years old, she held the group spellbound as she explained the Christmas festivities practiced in South America and Guatemala.

Miss Elsie Kane, representative of George Jensen, delivered a talk on flat silver and jewelry, displaying a number of beautiful pieces.

Miss Isabel Morris who has worked with the "Save the Children Federation," discussed the rehabilitation of France. She drew a picture of the desolation when she arrived there in 1946, and contrasted it with the progress that they have made rebuilding their country, with the limited materials available. She stated that her schools are making a brilliant effort to return to normal.

Artists who furnished the musical programs were "The St. Cecilia Trio," Mrs. Edward E. Schaefer, Mrs. Wilhelmina Danischewski, Mrs. Helga Phillips, Mrs. William Trachsel, Miss Joan Garbarino, Mrs. Adolph Auriema, Mrs. Arthur Buchler, Mrs. Harvey Perine and Miss Dorothy Danforth.

The Annual Dessert Bridge, under the chairmanship of Mrs. Archibald Fulton and Mrs. Chas. A. Duncker was held on May 13th. This year the Auxiliary presented the Institute with a check in the amount of \$500. A donation was also made to the New York City Federation Scholarship Fund.

Sixty-one new members were received into the Auxiliary during the year and 2 members were reinstated. Membership now numbers 364.

At the Annual Meeting in May, the following officers were elected: President, Mrs. Anselm Nascher; First Vice-President, Mrs. Frederick F. Richardson; Second Vice-President, Mrs. Harry Hinkel; Third Vice-President, Mrs. A. F. Taber; Recording Secretary, Mrs. Thomas J. Bothwell; Corresponding Secretary, Mrs. S. D. Stickle; Treasurer, Mrs. Edward Bungay.

Ethel E. Bothwell

REPORT OF THE TREASURER

STATEMENT OF FUND BALANCES

FOR THE FISCAL YEAR ENDED APRIL 30, 1948

	Balances May 1, 1947	Increases	Decreases	Balances April 30, 1948
Nathaniel L. Britton fund:				
Principal	\$ 25,112.33	.....	.....	\$ 25,112.33
Income	596.42	\$ 638.75	\$ 517.75	717.42
William T. Davis fund:				
Principal	122,867.44	76,050.30	533.70	198,384.04
Income	2,564.84	8,073.53	4,480.30	6,158.07
John J. Crooke fund:				
Principal	2,000.00	.....	.....	2,000.00
Income	35.36	90.00	90.04	35.32
D. M. Van Name fund:				
Principal	100.00	.....	.....	100.00
Income	29.73	1.41	25.00	6.14
Building fund	1,000.00	.....	.....	1,000.00
Endowment and general funds:				
Principal	29,700.00	.....	.....	29,700.00
Income	3,157.18	3,164.46	2,574.65	3,746.99
Special accounts:				
Music	209.53	1,686.20	1,605.21	290.52
Art	119.00	322.58	272.15	169.43
Life class	14.50	218.40	167.50	65.40
Sundry courses ...	566.00	2,376.35	2,275.00	667.35
Camera club .....	.....	64.00	64.00	.....
Britton Cottage garden	195.50	766.13	1,425.31	(463.68)
	<u>\$188,267.83</u>	<u>\$93,452.11</u>	<u>\$14,030.61</u>	<u>\$267,689.33</u>

Represented by:

Securities held by Institute:

U. S. Treasury bonds.....	\$ 60,700.00
Other	2,006.00

Securities held by City Bank Farmers Trust Co.:

U. S. Treasury bonds.....	194,184.82
Bonds and mortgages.....	\$44,973.96
Less — Reserve.....	44,973.96

Cash held by Institute:

Checking account	\$ 4,242.94
Savings accounts	4,761.95
Petty cash at Museum.....	50.00
	9,054.89

Cash held by City Bank Farmers Trust Co.....	603.78
Accrued interest due to City Bank Farmers Trust Co.....	139.84
Nominal value of equity in Museum building, exhibits and fixtures.....	1,000.00

\$267,689.33

**ANALYSIS OF CHANGES IN FUNDS
FOR THE FISCAL YEAR ENDED APRIL 30, 1948
INCREASES**

Principal:

Amounts realized from Davis fund mortgages, etc.....	\$ 5,646.18	
Final transfer from Davis estate	70,404.12	\$76,050.30

Income:

Interest on securities and cash held by Institute.....	\$ 1,661.54	
Income from Davis trust fund	6,159.22	
Income from Davis estate.....	1,790.40	
Dues from members.....	1,486.50	
Dues from affiliated societies	99.50	
Davis annuities	144.15	
Contributions from Woman's Auxiliary.....	500.00	
Other contributions	25.10	
Sale of sundry Museum items, etc.....	53.41	
Fees from sundry courses	39.00	
Anniversary dinner	9.30	11,968.15

Other accounts:

Music section receipts.....	\$ 1,686.20	
Art section receipts	322.58	
Life class receipts.....	218.40	
Other Museum classes receipts.....	2,376.35	
Camera club dues.....	64.00	
Contributions, etc., for Britton Cottage garden.....	766.13	5,433.66

Total increases \$93,452.11

DECREASES

Principal:

Loss on investments of Davis trust fund.....	\$ 533.70	
--	-----------	--

Income:

Publications	\$ 1,035.50	
Museum operating expenses.....	2,904.79	
Salary of Director	960.00	
Salary of Treasurer.....	250.00	
Salary of curator of Davis collections.....	540.00	
Davis memorial lectures.....	528.69	
Davis memorial scholarship	387.50	
Davis biography expense	75.00	
City Bank Farmers Trust Co. commission.....	242.61	
Purchase of typewriter	131.36	
Books, subscriptions, etc.....	90.04	
Britton Cottage expenses.....	278.60	
Purchase of Kost painting.....	150.00	
Purchase of Curtis material	100.00	
Expenses of Davis house.....	13.65	7,687.74

Other accounts:

Music section expenses	\$ 1,605.21	
Art section expenses	272.15	
Life class expenses.....	167.50	
Other Museum classes expenses.....	2,275.00	
Camera club dues transferred	64.00	
Britton Cottage garden expenses—fence, pool, etc.....	1,425.31	5,809.17

Total decreases \$14,030.61

FINE ARTS

Section of Art A growing interest has been shown in the work of the Section this year. Attendance at both the fall Members' Exhibition and the Annual Exhibition by Staten Island Artists as well as at other exhibitions has increased considerably.

Eight exhibitions were held in the gallery, one in our own library, and six others sent to our Staten Island libraries. Gallery exhibitions were:

Paintings and Etchings by Ely M. Behar, Annual Exhibition by Members, Watercolors by Henry Gasser, Drawings and Watercolors by Michael Bevins, Staten Island High School Exhibit, Annual Exhibition by Staten Island Artists, Chinese Paintings by C. Ssu-Tu and Yi Mai Feng, and Staten Island Landscapes.

Lola Landry Gerow showed her watercolors in our library during December.

Six opening receptions were held. At the Annual Exhibition Mr. Edward Ruppell, Commissioner of Borough Works, gave the opening address. Mr. William Halloran, Principal of Port Richmond High School, awarded prizes to High School students at their annual exhibition. Winners were: Clara Hargreaves, Port Richmond High School; Kenneth Griffin, McKee Vocational and Technical High School; Janet Bruns and Janet Cohen of Curtis High School.

Mr. Gasser explained his watercolor technique at the opening of his exhibition. Mr. Leason gave five demonstrations during the year and a special program was held in connection with the High School Exhibition including moving pictures of Arthur Beaumont painting a watercolor and a Chinese film "Out of a Chinese Painting Brush."

The prize for the most popular picture in the Annual Exhibition was won by Percy Leason for his painting, "Max and a Diving Helmet." Mr. Leason kindly donated the prize money to the High School Exhibition.

Sixty-two students completed the two terms of the oil painting class and 25 of the life class. Eight landscape sketching trips were held. Two art classes were conducted for young people by Miss Leason.

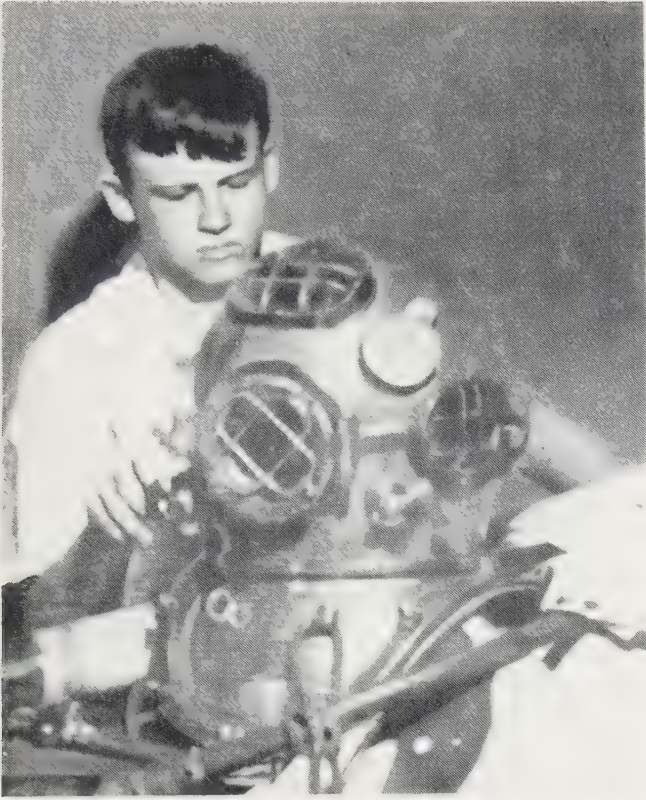
The Executive Committee acted as the jury for the Members' Exhibition in the fall, the Annual Exhibition and the High School Exhibition.

The Third Annual Artists' Carnival was held at the Staten Island Day School on November 1, 1947, again providing an evening of fun for artists and friends. The committee in charge of the Carnival were: Alfred McNamara, chairman, Fred Bohrer, Paul Wilke, Larry Caanchetta, Ely M. Behar, Hans Glinicke, Alec Moore, Percy Leason and Daniel L. Bridgman.

Officers who served during the year were: President, Percy Leason; First Vice-President, Armen E. Darson; Second Vice-President, Ely M. Behar; Treasurer, Daniel L. Bridgman and Secretary, Jean Leason.

Committee Chairmen were: Program and Carnival, Alfred McNamara; Rotary Exhibitions, Ester Dahl Tellefsen; Exhibitions, Albert Barbelle; Education, Frederick Bohrer.

Three oil and two pastel portraits of members of the Kreischer family have been added to the permanent collection through the gift of Miss Louise



"Max and Diving Helmet"

Oil Painting by Percy A. Leason.

This picture received the highest number of votes for the most popular picture in the Annual Exhibition, October 1947.

Photo by Robert Mathewson.

Kreischer, granddaughter of Balthasar Kreischer, founder of the Staten Island branch of the family. An oil painting, "South Beach, Staten Island," by Edward Moran was purchased for the collections through the art fund. Capt. Thomas I. Miller presented a watercolor of Pompton River, N. J. painted by his father William Rickardy Miller in 1866. Prof. David Varon gave a pastel study of the Hall of Drapers, Bruges and James F. Willis presented two oils by Fred Stahr.

At the Executive Committee meeting on June 9, 1948 it was agreed to establish two classes of membership: Exhibiting and Associate. Anyone interested in art and the work of the Section may become an associate member but exhibiting members will be selected by a special committee on the quality of work submitted.

Jean Leason

ENGINEERING

Richmond County Chapter, The New York State Society of Professional Engineers

Officers were elected at the Annual Meeting held on January 7, 1948, as follows: Frederick Mardus, President; Lewis H. Rabbage, First Vice-President; Barnett Kadin, Second Vice-President; Raymond J. Reddy, Secretary; Bernt N. Bruun, Treasurer. Additional Directors for three years: Chester W. Cambell, Harold L. Nelson.

At the meeting of September 11, 1947, Dr. David B. Steinman talked on the latest developments for the construction of a bridge across the Narrows. The March 3, 1948 meeting was held jointly with the Staten Island Society of Architects, Kenneth Milnes, President. At this meeting a discussion on Zoning in Richmond Borough was led by Albert Melniker, architect.

At the Annual Convention of the State Society of Professional Engineers, held May 1, 1948, our Chapter Member William H. Larkin, completed his term as State President.

During the year the Chapter lost through death three active members, namely, Past Chapter President Herman W. Ordeman, Finlay Kennedy and Edward P. Morse, Jr.

Raymond J. Reddy

LITERATURE

Belles-Lettres Society The Belles-Lettres Society completed an interesting and active year with the annual picnic on June 20th at the home of Mr. and Mrs. Leonard L. Sutter. About fifty people, including members, children and grandchildren of members, and guests enjoyed various sports according to age and inclination; tennis, pingpong, croquet, and horse-shoes. Miss Mary Vie Cramblitt travelled all the way from Middlebury, Vermont to attend.

Officers of the society elected at the May meeting were installed; Mr. Isidore Delson, who had been serving as vice-president during the preceeding year assumed the presidency relinquished by Mrs. Suttter. Mrs. Lester Callan became vice-president. Mrs. R. C. Bridgman took over the job of recording secretary formerly held by Mrs. W. A. Lumsden. Dr. Ida Everson continued as corresponding secretary, Mr. L. H. Hartley Smith as treasurer and Mr. Callan as historian.

Another high spot of the year was the annual dinner at the Richmond County Country Club in April. With the approval of the membership committee, headed by Dr. E. C. McCulloch, five new members were welcomed at this time including Miss Dorothy Smith, Dr. and Mrs. S. F. Howell, and Mr. and Mrs. Thomas H. Philips. The theme of the program that evening was the one hundreth anniversary of the discovery of gold at Sutter's Mill in California. Many of those present had interesting and amusing anecdotes to tell about their forebears in California. A telegram of congratulation from Gov. Earle Warren of California was read. A lively note was supplied by the songs of the S. I. Barber Shop Quartet, our guests for the evening, led by Mr. Raymond Safford and accompanied by Mrs. Safford. Members and guests joined in the singing of ballads of Gold Rush days. Col. Willard M. Grimes and Mr. Sutter were in charge of the arrangements for the evening.

Two meetings, one in January and one in February, were devoted to the reading of original works of members. Mr. R. W. Cumberland and Mr. Walter Kuhn were chairmen of these meetings. Col. Grimes, chairman of the publication committee, collected copies of the works read at these meetings and other original manuscripts with a view to publishing them in book form.

The Society has reason to be particularly proud of Col. Grimes whose poetic rendition of the Psalms of David, called "The Unquenched Cup" was published this winter.

At the March meeting Dr. McCulloch escorted the members on a literary voyage to South America.

In November Dr. Everson gave a lively account of her recent trip through New England. Pictures of the many literary shrines visited by her were shown on Kodachrome Slides.

Miss Mabel Abbott's topic, "Forgotten History of Staten Island," was presented at our October meeting when we also observed Founder's Day.

At our Christmas meeting, with Mr. M. B. Kerr as chairman, we were entertained by about thirty young students from New Dorp H. S. Glee Club who sang carols under the direction of Mrs. Walter Kuhn.

Canadian Literature was the subject of Mrs. Lumsden's meeting in May.

Dr. Everson was chairman of the program committee for the year, assisted by Miss Abbott, Mr. Cumberland, Dr. McCulloch, and Mr. L. H. Hartley Smith.

We are indebted to many of our members for making it possible for us to hold our meetings at private homes. Those who entertained were Mr. and Mrs. Kerr, Mr. and Mrs. Lumsden, Mr. and Mrs. R. S. Coles, Mr. and Mrs. Kuhn, Mr. and Mrs. Callan, Dr. Everson, and Mr. and Mrs. Safford and Mrs. R. C. Bridgman.

Mrs. Kerr arranged the meeting places for the year.

Through the efforts of Mrs. Safford as chairman of the refreshment committee, assisted by Mrs. Kuhn, and Miss Marjorie Sunderman, our members and their guests were supplied with a bountiful and delicious tea after each meeting.

At the annual Open House at the Institute, Mr. Delson and Mr. Safford represented the Belles-Lettres Society. A large show case filled with literary works of members constituted the Belles-Lettres exhibit.

Two of our most active members, Miss Katherine Grey and Miss Josephine Dockray moved from the Island to Cape Cod. In view of their great service to the Society in the past and their continued interest we were happy to elect them to honorary membership.

We were saddened to hear of the death of Mrs. Margaret Latham at Nyack, New York, last October. Mrs. Latham, a former president, was a very active member during her residence on Staten Island. Not long before her death she read a lively paper at one of our meetings, having come all the way from Nyack to do so.

We deeply regret the passing of Mrs. L. H. Hartley Smith on July 9th. Mrs. Smith was a very active member, having submitted several of her own works this spring, and her generosity in entertaining the Society at delightful picnics and Christmas parties at her home will long be remembered.

After the summer, during which many of our members travelled to distant states and Canada, and at least one, Dr. Everson, voyaged to Europe, the meetings will be resumed in September.

Marie B. Sutter

Fortnightly Club During this season the Fortnightly Club has held fifteen meetings at which the attendance has been exceptionally good. There have been no losses in membership and no new members, leaving an active membership of twenty-four and four honorary members.

The Club has enjoyed an interesting and varied program nearly as scheduled in the year book. Three subjects only had to be changed. During

October the Club participated in the Open House at the Museum by furnishing an exhibit showing the scope of the Club's work since its organization in 1890.

At the annual meeting the following officers were elected for the coming season: President, Mrs. Thomas Dobson; First Vice-President, Mrs. L. Barrett-Smith; Second Vice-President, Miss Annie A. Davison; Secretary, Mrs. E. C. Rach; Treasurer, Mrs. Christopher Steadman. Directors are Mrs. David Elder, Miss Rosalie M. Packer, Mrs. J. A. Swett and Mrs. Ivins S. Tanner.
Annie A. Davison

MICROSCOPY

Staten Island Microscopical Society The 1947-1948 activities of the Society were once again wholeheartedly supported by its members and friends. During the year eight meetings were held with an average of 12 members present at each meeting. Members of the New York Microscopical Society were welcomed at several meetings and invited to participate in local activities.

As usual all programs were presented by members of the Society. Topics were varied and showed the diversity of interests among the membership. The following subjects were presented for discussion: "Coated Optics," Dr. Frank A. Strauss; "Whole Mount Technique," Mr. I. C. G. Cooper; "Kodachromes of Myxomycetes," Mr. R. J. O'Connor; "Serpentines of Staten Island," Mr. Roswell S. Coles; "The Costa of Mosses in Section," Dr. W. H. Wiegmann; "Reproduction in Ferns," Miss Mathilde Weingartner; "Some Interesting Micro-Techniques," Mr. R. M. Wotton; "Chemistry of Soil in Relation to Plant Life," Mr. Charles Ericson; "Thin Sections of Serpentine—Polarized and Projected," Mr. George E. Ashby.

Preceding each meeting a demonstration of various microscopical objects was presented. These objects usually illustrated the subject matter for the evening's discussion. In addition to these activities the members were active in the field, particularly in connection with the study of the Staten Island Serpentine started during the year. This intensive study to include the geology, mineralogy and ecology of associated plant and animal life will be continued. The analyses of Staten Island waters were extended by Mr. Lee A. Ellison to include rain water. Their correlations to the Serpentine were given special attention. Considerable progress was made by Mr. Coles in his searching of the geological literature for references to Staten Island Serpentine.

The 18th Annual Exhibition which constituted the 340th meeting of the Institute was held on the evening of April 17th. The following institutions participated in addition to the individual member exhibits: Wagner College, Augustinian Academy, Curtis, New Dorp and Port Richmond High Schools, Staten Island Day School, S. I. Cancer Committee, S. I. Zoological Society, Department of Health of the City of New York, and the Museum Science Club. This exhibit was under the direction of Mr. I. C. G. Cooper, Chairman; Dr. Ralph E. Deal, Mr. Roswell S. Coles and Mr. Robert Mathewson.

At the meeting of January 4, 1948, the following officers were elected: Mr. Joseph F. Burke, President; Mr. I. C. G. Cooper, Vice President; Mr. R. J. O'Connor, Secretary; Mr. Roswell S. Coles, Treasurer.

Robert J. O'Connor

MUSIC

Staten Island Oratorio Society Our Christmas Concert was held on Monday, December 15, 1947 at Port Richmond High School. A chorus of



A Corner of the new Exhibition Room in the Museum.
Daniel L. Bridgman, Curator of Prints and Photographs, at his desk.
Photo by Robert Mathewson.

80 voices sang the Christmas portions of Bach's "The Christmas Oratorio" under the direction of John L. Bainbridge with Harry A. Russell at the organ. The soloists were Marion MacIntyre, Cornelia Borgenieister, Frank Richardson and Carl William Lesch.

An informal concert to close the season was given in the Museum to a full house on June 21, 1948. Mr. Harry A. Russell was the conductor and Miss Thelma Evensen chorus accompanist. Soloists were Ruth Rothacker and Carl William Lesch. The last half of the program was devoted to a quartet consisting of Mr. and Mrs. Adolph Auriema playing violin and piano; James Berta, viola, and Charles L. Seesselberg, cello.

The following officers were elected in January, 1948. President, W. N. Meyer; Vice-President, Mrs. F. W. Bechtold; Secretary, Louise Simmons; Treasurer, Elwood Cole; Librarian, Otilee Undritz. The Executive Committee consists of these officers, Harry A. Russell, Director, Roswell S. Coles and Mrs. Willard M. Grimes who represent the Staten Island Institute of Arts and Sciences. In April, Mr. Harry A. Russell was introduced as our new Conductor, taking the place of Mr. John L. Bainbridge.

Our list of active members is increasing and we will gladly welcome new singers who can pass a simple voice test and who will be willing to attend rehearsals regularly. Address your inquiries to Mr. W. N. Meyer, 42 Alledale Road, Staten Island 5. We are now rehearsing Handel's magnificent "Messiah" which we plan to give in its entire form at our Christmas concert in December 1948.

W. N. Meyer

Treble Choral Ensemble The Treble Choral Ensemble, a group of twenty members, which meets on Tuesday evenings at 8:30, completed its tenth year with a successful concert given under the auspices of the Parent-Teacher Association of Public School 14, Stapleton, on June 2nd. Soloists were Mrs. Jean Thomson Hicks, soprano soloist of the Ensemble, and four talented young people, three of them graduates of the school, and the fourth a sixth grade pupil. They were: Murray Adler, violinist; Florence Jackson, soprano; Margaret Graef and Cheryl Lefcourt, pianists.

During the fall season the group gave two concerts. On November 15th they sang at Our Savior's Lutheran Church, West Brighton. The Ensemble's next concert was given at the service of dedication of the new electronic organ at the Prince Bay Reformed Church on December 7th. At this service their director, Miss Marjorie L. Sunderman, played two groups of organ solos.

Officers for the coming season are: Mrs. William Phillips, President; Mrs. Robert Wylie, Secretary; Mrs. Robert Macdonald, Treasurer; Mrs. Sherwood B. Seeley, Librarian; Marjorie L. Sunderman, Director; and Mrs. Betty Thomson Kacik, Accompanist.

Marjorie L. Sunderman

NATURAL HISTORY

Section of Natural History Improved attendance and increased membership seem to indicate continued interest in Nature Study by adults at the Institute. Indoor meetings were held once a month throughout the year in the Museum auditorium. The programs were varied to please those who have not yet become specialists. At four of these meetings motion pictures were shown. At four other meetings colored slides were projected. These proved popular. Opportunities for discussion of personal Nature observations of members were provided.

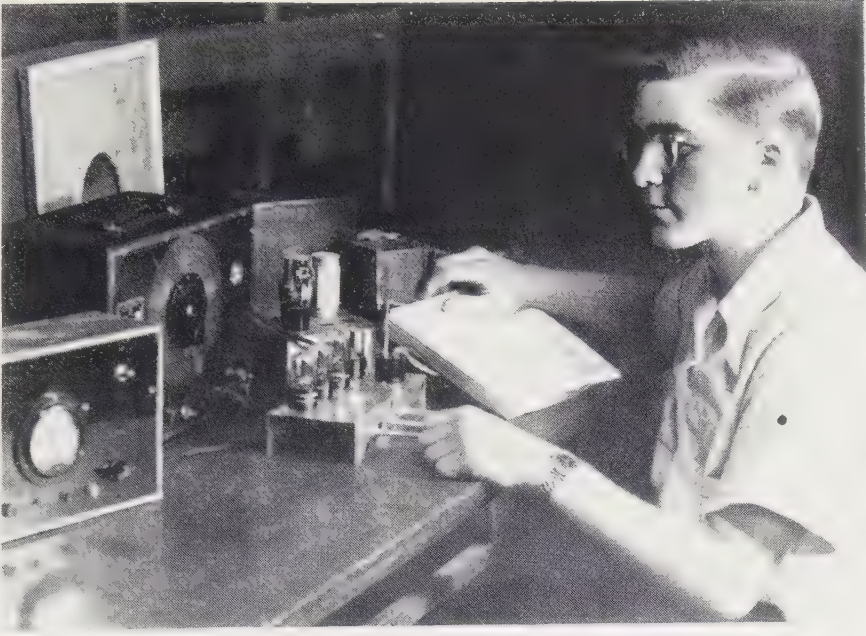
Below is given a list of the feature speakers at these meetings, and their subjects:

Revegetation and Reforestation on Pacific Islands.....	John G. Firsching
Vegetative Propagation of Plants.....	Edwin Rundlett
Game Conservation on S. I.....	Sergius Polevsky
So We Went to Washington.....	I. C. G. Cooper
Weather on the Atlantic Seaboard.....	Commodore William A. Smith
Life History and Habits of the Honey Bee.....	Miss Elizabeth Weingartner
A Backyard Vacation.....	Miss Bessie Blauvelt
The Birds About Us.....	Casimir Redjives
Shells Found on S. I.....	Miss Mathilde Weingartner
Experiences of an Entomologist in Peru.....	John C. Pallister
Vacationing in Oregon and Washington.....	William L. Poulson

Average attendance at these meetings was 35.

In order to stimulate an active interest in Natural History as found on Staten Island, monthly walks in the following listed sections of the Island were led by the Section President and his assistants: Grasmere Bog and Woods, Goodhue Estate, West New Brighton, Woods of Arden, Mt. Loretto Woods and Shore, Richmond Lighthouse and Vicinity, Buck's Hollow in Latourette Park, Barrett Park Zoo, and Clove Lakes Park, Perrine House and Dongan Hills, Todt Hill above Country Club Golf Course, Wolfes Pond Park Shore, Brooklyn Botanic Garden, Prince's Bay Woodlands Both Sides of R. R. Average attendance on these walks was 22.

Neither the large monthly meetings, nor the well attended hikes provide sufficient opportunity for intensive study to fully satisfy the dozen or so



Young People's Research at the Museum.

Edward Silverstein, President of the Senior Science Club, working at electronics in the laboratory.

Photo by Robert Mathewson.

advanced students in the Section. For their benefit, beginning in April, monthly field study trips are being held in Buck's Hollow, Latourette Park under the leadership of I. C. G. Cooper. Here a fine-combing of restricted areas is taking place for material of special interest to members. Discussion takes place in the field and, a few days later, indoors at the Museum. At an earlier hour, on the same evening, Mr. Cooper has been holding meetings of his Herbarium Committee. The Britton collection of botanical specimens is being preserved by providing duplicate specimens for active study. At the same time the Island is being searched for those species earlier reported as rare, and for other species not found in any list of local flora on file. Reports will be made from time to time for permanent record and for guidance to new students.

Two plant sales were held at the Museum by the Natural History Section for the benefit of the Wild Flower Garden being started at the Britton Cottage, New Dorp Lane. These proved to be good fun for those taking part. With funds thus obtained, the grounds were fenced, the pool was built, and water piping was laid. The Woman's Auxiliary and the S. I. District of the Federation of Garden Clubs cooperated unstintingly in this project.

A full report of the Christmas Bird Census was given in the February Bulletin by Miss Mathilde Weingartner, one of the ten ornithologists who took part. Casimir Redjives, Chairman of the Bird Committee, assembled the leading Island ornithologists again on June 21st, for a nesting bird survey. Ninety-five species were listed. Findings are being incorporated in a national survey by the National Audubon Society and an account will appear in the October *Proceedings*.

Mr. Redjives also conducted four Sunday morning bird walks during May for the study of migrating birds.

Mrs. Florence Sleight, Chairman of the Horticulture Committee, held a special evening meeting for gardening enthusiasts in April. Three films were shown by Mr. C. F. Scott of Roselle Park, N. J.: "Vegetable Gardening," "Insects in the Garden," and "Where New Flowers are Originated." At this same enthusiastic meeting Mrs. Frank Hammel gave a short talk on "The Importance of Gardening."

On June 19th the president and field secretary conducted an all-day trip to the Bowman's Hill Wildflower Preserve in Washington Crossing Park, Penna. Twenty-three attended.

The president served as a one-man committee to distribute bird feed for the Section at both the Travis Avenue and the Buck's Hollow feeding stations. The Senior Science Group provided the equipment.

Officers of the Adult Natural History Section, re-elected at the January meeting, are: Edwin Rundlett, president; Casimir Redjives, vice-president; Miss Mathilde Weingartner, field secretary; Mrs. Carla Nesslinger, corresponding secretary; Mrs. Elwood Cole, recording secretary and Mr. Karl Nesslinger, treasurer.

Membership at this writing is 112.

Edwin Rundlett

PHILATELY

Staten Island Philatelic Society An outstanding year in the history of the Staten Island Philatelic Society has just unfolded under the leadership of Walter Kuhn, its president. The year's activities were characterized by good organization. Highlights were the main exhibition, two major auctions, other smaller auctions, lectures and talks, and a Christmas party.

The main exhibition was held in the Museum building from February 23 to March 9, 1948 with the Society using its own frames and cover glass. The exhibits, in six classifications, were judged by three outstanding philatelists. Prizes were won by Elliott Burgher, Jean Gruber, A. Findley, R. E. Porter, Jr., E. V. Koski, Fred W. Bobring, Henry Kraemer, Leo Kroner, Miss Marion Pratt, Thomas Watson and Walter Kuhn.

The 2 major auctions, held November 24, 1947 and March 22, 1948, were run by Clare H. Brown, the well-known professional auctioneer and member of the Society. Mimeographed sheets listing the lots were distributed in advance of the auctions and attendance included philatelists from six states.

Other smaller auctions were held regularly during a portion of each meeting of the Society. Opportunity was also afforded during meetings to trade stamps.

The following member and guest speakers were heard by the Society: "Stamps and Paper Money," Julian Blanchard; "Why I Collect Old U. S. Stamps," Elliott Burgher; "Interesting German Stamps," Walter Kuhn; "Philippine War Covers," Henry Kraemer; "Nineteenth Century Foreign," W. J. McCoy; "Denmark Stamps," Leo Kroner; "Cover Collecting," R. E. Porter, Jr.; "Collection of Types," Walter Kuhn; "Chinese Airmails," P. W. Blye.

The Christmas party was held by Leo Kroner at the Museum on December 22, 1947. Games and contests were staged, refreshments were served and fun was had by all.

As in prior years, the Junior Stamp Club was organized and maintained on Saturday mornings by Henry J. Murray, who has faithfully devoted his time and energy to leading and instructing these future collectors.

Steve O'Brien, abetted from time to time by 8 or 10 others of the Society, has visited Halloran Hospital regularly each week and has helped to spur the philatelic interests of the wounded Vets. The Vets were assisted in the starting of collections and the obtaining of material. Mr. O'Brien could use additional albums, tongs, hinges and other accessories needed in this work.

The program for the 1947-48 year was planned and scheduled in advance. The entire program was mimeographed and broadcast to the members in September, thus making possible a well organized program.

In July, 1947 a mimeographed roster of all members, giving their special philatelic interests, was distributed among the members as our aid to getting collectors of similar material together.

The program and roster will again be printed in the near future for use during the coming year since they were found to be worth while.

A small rotating exhibition has been and is being maintained in one case at the museum under the able direction of Henry Kraemer, a world renowned specialist in Air Mails. These exhibits are changed regularly twice a month.

Officers serving during the year 1947-48 besides President Kuhn were Vice-President W. J. McCoy, Treasurer Henry J. Murray and Secretary Anselm Nascher.

It was with deep regret that the Society accepted the resignation, due to illness, of Anselm Nascher, who for many years has been Secretary.

Officers elected in April of 1948 for the coming year are Robert E. Porter, Jr., President; E. V. Koski, Vice-President; Miss Marion Pratt, Corresponding Secretary; Fred Fleur, Recording Secretary; and Henry J. Murray, Treasurer.

Chairmen of Committees will be as follows: Exhibitions, Henry Kraemer; Programs, Walter Kuhn; Auctions, W. J. McCoy; Publicity, Fred Fleur; Membership, Leo Kroner.

The Society's Activities meetings are interesting to collectors and non-collectors alike. Meetings are held in the Museum at 8 p.m. on the second and fourth Mondays of each month. Visitors and new members are welcome.

Robert E. Porter, Jr.

PHOTOGRAPHY

Staten Island Camera Club During the past year the Staten Island Camera Club instituted a plan of meeting each Wednesday of the month with the following schedule: business and forum night on the first Wednesday; lecture or demonstration on the second Wednesday; color slide and movie night (both innovations this year) on the third Wednesday; print competition on the fourth Wednesday. Outstanding lecturers and judges have been secured including: Mrs. Olga Emma Irish, A.P.S.A. & F.R.P.S.; Victor Scales, Hon. P.S.A.; Harvey Falk, A.P.S.A.; Arthur S. Mawhinney, F.P.S.A. & F.R.P.S.; Dr. I. W. Schmidt, A.P.S.A., the foremost contest prize winner in the country; Fritz Neugass, Leo Lerch, Arthur Libman, Edward Wilson, president of the Pictorial Photographers of America, Dr. I. Q. Umberger and Paul Wolf.

In the Metropolitan Camera Club Council, the Club for the first time entered all three classes. This provides probably the greatest competition in the country as the Council has a membership of over one hundred clubs throughout New York, New Jersey and Connecticut. In Class "A" the Staten Island Camera Club was 12th out of 25 clubs competing; in Class "B" 10th out of 28 clubs competing. In the color class the Club was 8th out of 31 clubs. One month the Club was 2nd and another month 3rd, while one of the members, Frank E. Gunnell, tied for first place one month.

In the Club competition, Fabian plaques were won by Michael Koledo in Class A and Daniel Dennis in Class B. In Class A, second and third places went to Miss Kae Jones and Alfons Wallich and in Class B, to William D. Sullivan and Mrs. Doris Lahr.

In the Color Class Frank E. Gunnell won the Wallich Trophy; second place was taken by Mrs. Doris Lahr; third place by Elliott Chapin.

There were 10 members competing in Class "A"; 28 members in Class "B"; and 22 members in the Color Class.

Results of the Color Slide of the Year competition were: Elliott Chapin, 1st place; Frank E. Gunnell, 2nd and 3rd places; Elliott Chapin, 1st Honorable Mention; Mrs. Doris Lahr, 2nd Honorable Mention.

In the Print of the Year competition, Elliott Chapin won 1st place; 2nd place, Miss Kae Jones; 3rd place, George Haughwout; 1st Honorable Mention, Mrs. Maxine White; 2nd Honorable Mention, William J. Hunn.

During the fall season the club sponsored a class in photography with the following instructors: Eric Adams, P.S.A., Thomas Greenslade, Thomas J. Fisher, William D. Sullivan, Robert Mathewson, Miss Ruth Walsh and William J. Hunn.

Officers elected for the coming year are Thomas J. Fisher, P.S.A., President; William D. Sullivan, Vice-President; Theodore White, Executive Secretary; Miss Alice Haughwout, Corresponding Secretary; Daniel Dennis, Treasurer.

At the annual dinner held at the Meurot Club on June 26th the officers were installed by Mrs. Olga Emma Irish, A.P.S.A. & F.R.P.S. The program was highlighted by the showing of "Bryce Canyon Trails," by Frank E. Gunnell, A.P.S.A. & F.A.C.L. During the year Mr. Gunnell was made an Associate of the Photographic Society of America, was re-elected president of the Metropolitan Motion Picture Club, and was made a Fellow of the S. I. Institute of Arts and Sciences. Mrs. Mildred B. Scales, Executive Secretary of the Metropolitan Camera Club Council and Victor Scales, Hon. P.S.A., vice-president of both the Photographic Society of America and the M.C.C.C., were made honorary members of the Club making six such memberships.

Frank E. Gunnell and William J. Hunn, P.S.A., were given the first fellowships to be awarded by the Club.

Members have been generous in their donations of equipment to the Club.

The Junior Camera Club which consists of 10 members, continued to meet every Saturday afternoon at 2 P.M., under the supervision of William D. Sullivan. New officers of the club are, Harold Schacht, President; Jay Pelliconi, Secretary and Treasurer. In the annual print competition 1st and 2nd places were won by Harold Schacht and 3rd place by Jay Pelliconi. Next season a new junior class will start every three months.

William J. Hunn

INDEX TO MUSEUM BULLETIN, VOLUME XXX

OCTOBER, 1947 — MAY, 1948

- Abbott, Miss Mabel, 12, 30, 36, 53, 60,
64, 70, 72, 76, 83
Accessions, 75
Adams, Eric, 90
Adler, Mrs. Lillian, 46
Adler, Murray, 86
Adrians, Mrs. Josefina A., 46
All Day Hikes, 12, 47, 55
Anderson, Andrew M., 70
"An Entomological Expedition to Peru,"
66
Anniversary Dinner, 66th, 10
Annual Reports, 69, 71
Armitage, Dr. Frank Guy, lecture, 10, 76
Art, Section of, 10, 76, 80
Carnival, 3, 21, 80
Classes, 80
Exhibitions, 2, 9, 11, 17, 19, 21, 37,
43, 49, 51, 59, 60, 80, 81
Loan Exhibit, 60
School Art Contest, 43, 52
Ashby, George E., 47, 65, 76, 84
Attendance, 76
Audubon Society, 34, 87
Augustinian Academy, 65, 84
Auriema, Mrs. Adolph, 36, 77, 85
- Bacher, Dr. John R., 10, 38
"Backyard Vacation," 39
Bailey, Dr. Alfred M., 3, 41, 42, 76,
illus. 42
Bainbridge, John L., 8, 18, 35, 38, 43,
63, 75, 85
Baker, Hon. Edward G., 70
Barbelle, Albert, 11, 51, 80
Barranco, Charles A., 20
Bascom, Frank P., 70
Beaumont, Arthur, 80
Beaumont, Mrs. Henrietta, 11, 51, illus.
49
Bechtold, Mrs. F. W., 38, 85
Beesting, Mrs. Kathleen, 20, 51
Behar, Ely M., 11, 19, 51, 80, illus. 17
Beil, Carlton, 4
Bell, Cecil C., 51
Belles Lettres Society, 10, 23, 73, 82
Bellows, David S., 76
Bernstein, Mrs. Helen, 53
Berta, James, 85
Betty Holmes Brook, illus. 67
Bevans, Michael H., 37, 43, 80, illus. 37
Beyer, Mrs. Margaret, 6
Bird Census, 4, 22, 34, 87
Bird Feeding, 22, 88
"Birds About Us," 22, 47
Bissell, Leslie D., 11
Black Horse Tavern, 44
Blaikie, Mrs. B. C., 20
Blake, Mrs. A. D., 51, 53
Blanc, Arthur, 20
Blanchard, Julian, 88
- Blauvelt, Miss Bessie, 39, 86
Blazier, Harry G., 6
Blom, Marcus, 46
Blye, P. W., 88
Bobring, Fred W., 88
Boecking, Miss Edith, 51
Boettcher, Mrs. R. C., 20
Bohrer, Frederick, 11, 80
Borgemeister, Miss Cornelia, 18, 85
Bothwell, Mrs. Thomas J., 77
Botsford, Mrs. Stephen J., 28, 64
Bowman's Hill Wildflower Preserve, 88
Boylan, Joseph, 61
Boy Scouts of America, 72
Braun, Charles F., 65
Bridgman, Daniel Low, 58, 60, 70, 72,
80, 85
Bridgman, Mrs. R. C., 82, 83
Britton, William R., 23, 72
Britton Memorial Garden, 7, 12, 23, 28,
47, 64, 74, 87
Brooklyn Children's Museum, 13
Brown, Clare H., Jr., 76
Bruney, Miss Carole R., 20
Brunn, Robert N., 39
Bruns, Miss Janet L., 51, 52, 80
Bruun, Bernt N., 81
Buckley, Erle, 38
Budowitz, Miss Doris, 53
Buehler, Mrs. Arthur, 46, 77
Bull's Head Tavern, 44
Bungay, Mrs. Edward, 77
Burger, Dr. I. Victor, 35, 75
Burgher, Elliott, 76, 88
Burgher, Mrs. Elliott, 5
Burke, Joseph F., 6, 10, 13, 23, 30, 38,
47, 54, 55, 58, 65, 70, 84
Burr, Aaron, 44
Busch, Rudolph, 46
Bush, E. J., 46
Busing, F. A., 11, 51
Busing, Henry W., 51, 53
Busing, Leroy A., 11, 51
- Calder, Mrs. A. Sterling, 76
Calendar, Monthly, 8, 16, 24, 32, 40,
47, 56, 68
Callan, Mr. & Mrs. Lester, 82, 83
Campbell, Chester W., 39, 81
Canady, Mrs. Alice, 51
"Cape Ann Composition," illus. 11
Carew, Mrs. Robert E., 70, 75
Carney, Mark, 20
Carstens, G. H., 53
Castle Manor Garden Club, 76
Castleton, Hotel, illus., 45
Cavnoti, Louis, 76
Chambers, Harold, 11, 13
Chapin, Elliott L., 46, 90
Chapin, Dr. James P., 10, 28, 31, 58,
70, 71, 72, 73

- Chapin, Mrs. Sarah Root, 35, 75
 Chapman, P. B., 20
 China-ware, Old, 5
 Chinese Paintings, 59
 Choral Techniques, Museum course, 35
 Christmas Concert, 18, 38, 76, 84
 Christmas Party, 23
 Cianchetta, Lawrence, 6, 11, 51, 80
 Cleaves, Howard H., 4, 58, 70, 72
 Cobb, Mrs. Horace G., 20
 Cohen, Miss Janis, 52, 80
 Cole, Elwood, 38, 85
 Cole, Mrs. Elwood, 39, 47, 88
 Coleman, Howard, 70
 Coleman, Miss Mary A., 65
 Coles, Roswell S., 23, 30, 35, 38, 47, 55, 65, 70, 75, 76, 83, 84, 85, article, 20
 Colonial Inns and Taverns, 44
 Colucci, Nicholas, 20
 Combs, Aubrey, 51
 Conference House Assn., 72
 Conger, Paul, 13
 Conner, Paul, 34
 "Conservation Law New York State, in Richmond Co.," 14
 Contessa, Joseph, 11, 13, 51
 Cooper, Col. Edwin H., 33, 76, lecture.
 Cooper, I. C. G., 7, 12, 13, 22, 23, 28, 30, 38, 47, 54, 55, 58, 65, 66, 70, 72, 75, 84, 86
 Courses, Museum, 3, 35, 75
 Cramblitt, Miss Mary Vie, 82
 Crooke, John J., Fund, 75
 Cuckold's Town Inn, 44
 Cullen, Mr. & Mrs. John E., 20
 Cumberland, R. W., 82, 83
 Currie, Mrs. George A., 53
 Curtis, George William, 12, 36, 54, 75
 Curtis High School, 52, 65, 80, 84

 Dale, Miss Ida Dudley, 11
 Daley, Charles, 76
 Dance, Section of, 10
 Danforth, Miss Dorothy, 23, 77
 Danischewski, Mrs. Wilhelmina, 77
 Darson, Artemis, 11, 51, 80
 Davis, Miss Bessie, 6
 Davis, William T., 6, 31, 67
 Davis House, 61, 69, 71, 73, 75
 Memorial Lectures, 1, 2, 3, 26, 33, 41, 58, 76, illus. 42
 Scholarship, 72
 Davison, Miss Annie A., 84
 Deal, Dr. Ralph E., 65, 84
 DeBello, Nicholas, 6
 Delson, Isidore, 82
 De Matteo, Miss Jenny, 6
 DeMurabito, Countess Leonardo, 23, 77
 Dennis, Daniel, 13, 90
 Dessert Bridge, 53, 61, 77
 DeWaters, Arthur A., 6
 Diamond, Michael, 11
 Dicke, Mrs. John P., 12, 64, 75, 76
 "Dickens and his Queer Folk," 76, lecture, 10

 Dobson, Mrs. Thomas, 84
 Dockray, Miss Josephine, 83
 Donors, 76
 Dreyer, Mrs. Loretta S., 58, 72
 Drury, Thomas K., 77
 DuBois's Tavern, 44
 Duncker, Mrs. Charles A., 53, 77

 Easley, Mrs. Ethel, 11
 Education, 3, 35, 75
 Edwards, Tryon P., 75, 76
 Eisinger, Ernest F., 29
 Eisinger, Mrs. Rose, 29, 75, 76
 Elder, Mrs. David, 84
 Ellison, Lee A., 4, 28, 34, 38, 47, 55, 70, 75, 76, 84
 Engineers, Soc. of Professional, 10, 39, 81
 Engles, George, 76
 Ericson, Charles, 47, 54, 58, 65, 66, 76, 84
 Esterly, Andrew, 13
 Esteves, Mrs. Carlos, 76
 Ettlinger, Carl, 7
 Evenson, Miss Thelma, 85
 Everson, Dr. Ida G., 76, 82, 83
 Exhibitions, 75, illus. 85

 Falk, Harvey A., 22, 29, 89
 Fellows, 73
 Fendel, Mrs. Fred A., 53
 Feng, Yi Mai, 80, illus. 59
 Fiction Writing, Museum Course, 3, 35
 Findley, A., 88
 Fingado, Fernand O., 11, 21, 51
 Fiorini, Thomas, 6
 Firsching, John G., 86
 Fisher, Thomas J., 22, 28, 38, 90
 Flamm, Henry, 34
 Flamm, Herbert, 20
 Flatow, Mrs. Jacob, 75
 Fleur, Fred, 89
 Flynn, Capt. Howard A., 73, 76
 Folk Dancing, Museum Course, 35
 "Footnotes on Nature," 30, 31
 Fort Hill, Richmond, 21
 Fortnightly Club, 10, 83
 Foster, George, 20
 "From Kevlin's Window," illus. 25
 Fulton, Mrs. Archibald J., 46, 53, 77

 Game Protection, 14
 Garbarlino, Miss Joan, 30, 77
 Garden Clubs, N. Y. Federation of, 28, 55, 64, 76
 "Gardens Under the Sea," 13
 Garson, Mrs. T. N., 76
 Gasser, Henry, 27, 80, illus. 25
 Gatz, Mrs. Percy W., 6
 Gerke, Mrs. William, 53
 Gerow, Mrs. Lola Landry, 11, 19, 51, 80
 Giammella, Mrs. Josephine, 11, 51
 Gleckner, Mrs. A. F., 53
 Glinicke, Hans, 11, 80
 "Glorious Ireland," 76

Gluck, Mrs. I., 13
 Golden Anniversary Celebration, 61, 72
 Gordon, Clyde, 76
 Graef, Miss Margaret, 86
 Green, Mrs. Albert, 53
 Greenslade, Thomas, 90
 Grey, Miss Katherine, 83
 Griffin, Kenneth, 52, 80
 Grimes, Col. Willard M., 82
 Grimes, Mrs. Willard M., 12, 70, 75, 85
 Gruber, Jean, 88
 Guion, John A., 30, 73, 76
 Gunnell, Frank E., 22, 29, 71, 73, 74, 90

Halbert, Mrs. George H., 6
 Hall, Hon. Cornelius A., 61, 70
 Hall, George, 61, 71
 Halloran, Wm. M., 52, 58, 72, 80
 Hammel, Mrs. Frank J., 6, 55, 64, 88
 Hampton, Vernon B., 76
 Hanssen, Mrs. J. H., 53
 Hargreaves, Miss Clara, 52, 80
 Harper, Dan, 73
 Haughwout, Miss Alice E., 20, 90
 Haughwout, George W., 20, 90
 Hayward, Walter B., 75, 76
 Head, Mrs. Lydia B., 76
 Heinzman, Mrs. Samilla J., 51
 Henning, Curt, 34
 Hicks, Mrs. Jean Thompson, 86
 Hidalgo, Jose, 53
 Hinkle, Mrs. Harry E., 53, 77
 Hiram Percy Maxim Award, 22, 74
 Hoffmeyer, Mrs. A. W., 70, 76
 "Honey Bee, History and Habits of the,"
 29
 "Hotels—New and Old," article, 44
 Howe, Mrs. Mary T., 11, 13, 51
 Howell, Dr. & Mrs. S. F., 82
 Hunn, William, 10, 22, 38, 71, 90
 Hyde, Mrs. Frederick E., 53

Iatouro, Mrs. Agnes R., 20
 Institute, 69
 Anniversary Dinner, 3, 10
 Annual Meeting, 57, 58, 73
 Open House, 2, 10
 Trustees, 51, 58
 Institute Council, 10, 60, 72
 "Ireland," Memorial lecture, 3, 58
 Irish, Mrs. Olga E., 52, 89, 90

Jack, Mrs. Mabel Wellington, 51
 Jackson, Miss Florence, 86
 Jackson, William, 11
 Jacobson, Edward, 6
 Jacot, Harry A., 6
 Jeans, Ernest St. C., 51, 53
 Jefferson, Mrs. William H., 76
 Johnson, Harrison, 70
 Johnson, Commander Irving, 2, 10, 76,
 lecture, 1
 Johnson, James, 51
 Johnston, William, 11, 13, 51
 Jones, Mrs. Doris E., 11

Jones, Miss Kae, 6, 90
 Jorgensen, Stan, 51
 Junior Camera Club, 90
 Junior Museum, 8, 12, 13, 22, 23, 40, 43,
 52, 56, 66, 75, 89, 90
 Junior Stamp Club, 75, 89

Kacik, Mrs. Betty Thomson, 86
 Kadin, Barnett, 39, 81
 Kane, Miss Elsie, 46, 77
 Kaufmann, Louis W., 76
 Keene, Melvin, 51
 Kennedy, Finley, 82
 Kennedy, T. Livingstone, 75
 Kenny, Miss Patricia, 60
 Kerr, Mr. & Mrs. M. B., 10, 83
 Kertesz, Francois, 46
 Kieran, John, 30, 31
 Kirchin, George A., 53
 Knopf, Mrs. S. Adolphus, 76
 Koestner, John, 51, 70
 Koledo, Michael, 13, 90
 Kolff, Cornelius G., 70
 Konovitz, Mrs. M. J. (Etta), 51, 53
 Korniloff, Mrs. Valeria, 11, 51
 Koski, E. V., 88, 89
 Kovacs, Dr. Joseph, 34
 Kovar, Mr. & Mrs. Paul, 6
 Kowell, Raymond, 6
 Kraemer, Henry, 88, 89
 Kramer, Allen, 76
 Kreischer, Balthasar, 81
 Kreischer, Miss Louise, 75, 76, 80
 Kroner, Leo, 88
 Kuhfahl, Mrs. Marjorie, 51
 Kuhn, Walter, 10, 72, 82, 83, 88, 89
 Kuhn, Mrs. Walter, 83

Lahr, Mrs. Doris, 90
 Lambe, Mrs. Emerson P., 53
 Larkin, William H., 39, 82
 Latham, Mrs. Joseph W., 23, 72, 83
 Lawler, Albert, 6
 Lawrence, R. F., 50
 Leason, Jean, 5, 8, 9, 11, 43, 51, 59, 70,
 75, 80, 81
 Leason, Mrs. Percy A., (Isabel), 11, 51
 Leason, Miss Patricia, 11
 Leason, Percy A., 10, 11, 12, 21, 35, 51,
 75, 76, 80, 81
 Le Blanc, Robert, 6
 Lefcourt, Cheryl, 86
 Leng, Charles W., 6
 Leng, Robert M., 58, 70, 72
 Leng, Mrs. Robert, 6
 Leonowens, Mrs. Anna H., 12
 Lerch, Leo, 89
 Lesch, Carl William, 18, 85
 Libman, Arthur, 89
 Library, 75
 Library Notes, 6, 12, 30, 36, 53, 64
 Life Class, Museum Course, 35
 Lions Club, 72
 Literature, Section of, 10, 82
 Long, Emilie O., 12

- Lorenzani, Arthur, 51
 Love, Edward L., 70
 Lowes, Mrs. Norman, 6
 Lumsden, Mrs. W. A., 82, 83
 Lytle, Mrs. James H., 53

 McCoy, W. J., 88, 89
 McCracken, Mrs. Dorothy A., 60, 70, 72
 McCulloch, Dr. E. C., 82, 83
 McGifford, Mrs. Gudrun, 13
 McGowan, Mrs. Eileen, 76
 McKee Vocational & Technical H. S.,
 26, 52, 80
 McLaughlin, Charles A., 53
 McMillen, Loring, 28, 58, 70, 72, 74
 McNamara, Alfred, 11, 51, 80
 Macdonald, Mrs. Robert, 86
 Macdonald, Mrs. Winifred, 51
 MacIntyre, Mrs. Marion, 18, 85
 Mallen, James J., 70, 72
 Mahler, Miss Martha, 11
 Major, Mrs. Louise H., 11, 51
 Mardus, Frederick F., 39, 81
 Marshall, Mrs. Eleanor, 11, 51
 Martin, George, 3, 35, 42, 54, 60, 75
 Mathewson, Robert, 3, 4, 8, 22, 37, 47,
 65, 69, 70, 73, 75, 76, 77, 81, 84,
 85, 87, 90
 Mawhinney, Arthur S., 65, 89 *
 "Max and Diving Helmet," 21, illus. 81
 Melniker, Albert, 76, 82
 Membership, 6, 13, 20, 46, 53, 65, 70, 72
 Metropolitan Camera Club Council, 13,
 22, 29
 Meurer, Eduard C., 73
 Meyer, Mrs. Dorothy, 46
 Meyer, W. N., 38, 63, 72, 85
 Microscopy, see S. I. Microscopical Soc.
 Miller, Maynard Malcolm, 26, 76, Memo-
 rial lecture 3
 Miller, Capt. Thomas I., 20, 73, 75, 76,
 81
 "Miller, William R.," 81, article, 20
 Milnes, Kenneth, 82
 Moran, Edward, 81
 More, Alexander P., 13, 80
 "Mormon Land," 3, 76, Memorial lecture
 41, illus. 42
 Morris, Miss Isabel, 77
 Morris, Thomas F., 51
 Morse, Edward P., Jr., 82
 Moses, Hon. Robert, 70, 74
 "Mosses, Thè Costa of, in Section," 30
 Murray, Henry J., 8, 75, 89
 Music Forms, Museum Course, 35, 42,
 54, 60
 Myxomycetes, 23

 Nagel, Curtis, 58, 76, lecture 3
 Nascher, Anselm M., 89
 Nascher, Mrs. Anselm M., 7, 10, 13, 46,
 53, 61, 64, 75, 77
 Natural History Paintings, 43
 Natural History, Section of, 10, 14, 22,
 29, 39, 46, 55, 66, 86, illus. 7

 Nature Program, 7
 Nature Study, Museum Course, 35
 Necrology, 23, 39, 46, 64
 Nellis, Fred W., 53
 Nelson, Harold L., 39, 81
 Nesslinger, Karl O., 39, 58, 76, 88
 Nesslinger, Mrs. Carla E., 39, 64, 70, 72,
 88
 Neugass, Fritz, 89
 Neumann, Mr. & Mrs. Joseph, 12, 64, 75
 New Dorp High School, 65, 84
 N. Y. Association for the Blind, 77
 New York, City of, 74
 New York City, Dept. of Health, 65
 New York City, Golden Anniversary, 61,
 72
 N. Y. Microscopical Soc., 84
 Nordhausen, A. Henry, 51
 Norman, Mrs. Lena, 51
 North, Allison & Ettlinger, 7
 Nuget, Joseph F., 11, 13, 51
 Nugent, Mrs. Joseph F., (Elizabeth), 11,
 13, 51
 Nutt, Mrs. Frances Tysen, 30

 O'Brien, James R., 51
 O'Brien, Steve, 89
 O'Connor, Robert J., 13, 23, 38, 65, 70,
 84
 Odell, Mrs. Sarah, 53
 O'Dwyer, Hon. William, 70, 74
 Officers, 70
 Oil Painting, Museum Course, 35
 "Oil of Peru," 36, 77
 "Olde Names & Nicknames of Staten
 Island," 62
 "Old Place," illus., 62
 Olsen, Ferd, 46
 O'Neill, Mrs. Clifford J., 53
 Ordeman, Herman W., 39, 73, 82

 Packer, Miss Rosalie M., 46, 84
 "Palestine Today," lecture, 3, 33, 76
 Palleske, Mrs. T. E., 30
 Pallister, John C., 66, 86
 Palma, Joseph A., 70
 Parke, Mrs. David T., 53
 Patten House, 45
 Pavilion Hotel, 45
 Pearson, Charles, 34
 Pellegrino, Joseph S., 76
 Pelliconi, Jay, 90
 Perine, Mrs. Harvey, 77
 Peter Pan, the Magic Man, 43
 Peterson, Eldridge, 51, 65
 Phillips, Mr. & Mrs. Thomas H., 82
 Phillips, Mrs. Helga, 23, 77
 Phillips, Mrs. William, 86
 Philp, Miss Mary, 76
 Photography, see S. I. Camera Club
 Picone, John, 20
 Pignata, Miss Carmela, 6
 Planters' Hotel, 44
 Plant Sales, 12, 64, 87

Poleyoy, Sergius, 14, 86
 Politico, Philip, 11
 Polk, Martin, 52
 Porter, Robert E., Jr., 88, 89
 Port Richmond High School, 18, 52, 65, 80, 84
 Port Richmond Hotel, 44
 Poulson, William L., 86
 Pratt, Miss Marion, 88, 89
 Public School 41, 76

 Rabbage, Lewis H., 39, 81
 Rach, Mrs. E. C., 84
 Radding, Dr. M. B., 6, 11, 52
 Raichle, Louis, 10
 Rasko, M. A., 51, 52
 Ray, Frank, 13, 52
 Reddy, Raymond J., 39, 76, 81, 82
 Redjives, Casimir, 4, 22, 34, 39, 47, 66, 86, 87, 88
 Reed, Thomas B., Jr., 46
 Renfield, Mrs. Kathryn, 28, 76
 Ribes, Miss Nieves, 72
 Richardson, Frank, 18, 85
 Richardson, Mrs. Frederick F., 77
 Rodriguez, Mrs. Katherine, 11, 52
 Ronning, Mrs. Marie, 6
 Root, Miss Elizabeth, 10
 Rose and Crown Tavern, 44
 Rosenberg, Miss Jane B., 20
 Rotary Club, 72
 Rothacker, Miss Ruth, 85
 Rottman, Adolph, 64, 73
 Roughley, T. C., 54
 Roughton, Roger, 76
 Rudolph, Mrs. Mildred, 6
 Rue, Mrs. Margaret K., 11, 13, 52
 Rundlett, Edwin A., 10, 14, 22, 29, 39, 47, 55, 58, 64, 66, 75, 86, 88
 Ruppell, Edward A., 60, 80
 Russell, Harry A., 18, 38, 63, 70, 85
 Ryan, Marah Ellis, 30

 Safford, Mr. & Mrs. Raymond M., 82, 83
 Saibene, Charles, 20
 "Sailing to See," Memorial lecture 1, 2, 10, 76
 Sailors Snug Harbor, 73
 Scales, Victor, 89, 90
 Scales, Mrs. Mildred B., 90
 Schacht, Harold, 90
 Schaefer, Mrs. Carl, 77
 Schaefer, Mrs. Edward E., 77
 Schaughency, Mr. & Mrs. Bert, 34
 Schlatter, Juan, 11
 Schmidt, Dr. I. W., 89
 Schools, 75
 School Art Contest, 43, 52, 80
 School Art League, 72
 School Books, old, 6
 Schrader, Mrs. J. W., 53
 Schroeder, Harry A., 20
 Scott, C. F., 55, 88
 Scott, Mrs. Edythe W., 52, 53
 Searle, Mrs. Gladys A., 53

 Seeley, Mrs. Sherwood B., 86
 Seesselberg, Dr. Charles L., 85
 Segman, Miss Libbie, 11, 52
 Senior Science Club, 65, illus. 87
 Serpentine of S. I., 23, 30, 38, 47, 54, 65, 84
 Sheltman, Mrs. C. Payne, 7, 36, 77
 Sherman, Mrs. Leo E., 65
 Shriver, Alfred, 70
 Sibulkin, Mrs. Augusta, 6
 Siemering, Miss Violet, 11, 52
 Silverstein, Edward, illus. 87
 Simons, Mrs. C. Dewar, (Isabel Grinnell) 13, 52
 Simmons, Miss Louise, 38, 85
 Simmons, Mr. & Mrs. Richard, 20, 38
 Sklenar, F. A., 11
 Sleight, Mr. & Mrs. Edgar, 55, 75, 76, 88
 Smith, Miss Dorothy, 82
 Smith, Mrs. L. Barrett, 84
 Smith, Mrs. & Mrs. L. H. Hartley, 54, 73, 76, 82, 83
 Smith, Commodore William A., 14, 86
 "So We Went to Washington," 7, 22
 Solakian, Miss Setta, 46, 52
 Sollhaben, Otto, 76
 Sons of the American Revolution, 12, 72
 Sorensen, William A., 6
 Soriano, Mrs. E. A., 53
 Springs, Mrs. Jackson, 53
 Ssu-Tu, Mr. & Mrs. C., 59, 80
 St. Cecilia Trio, 77
 St. Elias, Mount, 26
 St. Mark's Hotel, 45
 Staff Appointments, 60, 70
 Stahr, Fred, 81
 S. I. Advance, quoted, 63
 S. I. Society of Architects, 82
 S. I. Camera Club, 3, 10, 13, 22, 28, 38, 52, 65, 71, 75, 89
 S. I. Cancer Committee, 65, 84
 S. I. Day School, 29, 33, 50, 65, 84
 S. I. "Historian," 72
 S. I. Historical Society, 21, 72
 S. I. Microscopical Society, 3, 6, 10, 13, 23, 30, 47, 54, 73
 Annual Exhibition 50, 65, 75, 76, 84
 S. I. Oratorio Society, 3, 10, 18, 38, 63, 76, 84
 S. I. Philatelic Society, 10, 75, 76, 88
 S. I. Poetry Society, 76
 S. I. Savings Bank, 71, 73
 S. I. Symphony Society, 72
 S. I. Youth Council, 72
 S. I. Zoological Society, 65, 75
 Steadman, Mrs. Christopher, 10, 84
 Steinman, Dr. David B., 82
 Stelling, Mrs. John L., 65
 Stewart, Alexander, 44
 Stickler, Mrs. Samuel D., 53, 77
 Stiles, Mrs. Charles G., 75, 76
 Stock, Donald M., 76
 Stoddard, Charles Coleman, 21, 31, 60, 70, 72, articles 44, 62

Stothers, Edward M., 70
 Stone, Herbert F., 64, 73
 Stone, Mrs. Medad, 76
 Strauss, Dr. Frank A., 6, 13, 30, 38, 70, 76, 84
 Stryker, Mrs. Miriam, 13, 34
 Suiker, Rev. Mateo H. J., 64
 Sullivan, William D., 8, 13, 52, 65, 75, 90
 Sunderman, Miss Marjorie L., 83, 86
 Sutura, Miss Lena, 11
 Sutter, Mr. & Mrs. Leonard L., 10, 82, 83
 Sweeney, Miss Katherine, 12, 76
 Swett, Mrs. J. A., 84

Taber, Mrs. A. F., 77
 Tanner, Mrs. Ivins S., 84
 Teale, Edwin Way, 31
 Tellefsen, Mrs. Ester Dahl, 11, 51, 60, 80
 "The Burgher Collection," 5
 "The Old Mill, Richmond," 21
 "The Unquenched Cup," 82
 Thein, Peter, 54, 65
 "Three Fields to Cross," 30, 31
 Trachsel, Mrs. William H., 23, 77
 Treasure House, Richmond, 21
 Treasurer's Report, 78, 79
 Treble Ensemble, 10, 86
 Trustees, Board of, 51, 58, 70, 72
 Tysen, Miss Ruth, 31

Uhler, William P., 6, 11
 Umberger, Dr. I. Q., 65, 89
 Undritz, Miss Ottilee, 38, 85
 Ustalo, Mrs. Helen, 11

Vail, Miss Helen Bogert, 46
 Van Duzer, Mrs. Harold T., 6
 Varon, Prof. David, 46, 73, 76, 81
 Verpillot, Emil, 10
 Vlassenko, Mrs. Marie, 65
 Von Bevern, Mrs. Julia, 52
 Voorlezer's House, The, 21
 Vosburgh, Miss Elizabeth, 6

Wagner College, 65, 72, 76, 84
 Wahl, Mrs. Patricia, 13
 Wallich, Alfons, 90

Walsh, Miss Ruth, 90
 Ware, Dr. John S., 76
 Warren, Gov. Earle, 82
 Watson, Thomas, 88
 Weare, Mrs. Margaret D., 53
 "Weather on the Atlantic Seaboard," 14
 Weaver, Mrs. Francis D., 76
 Weingartner, Miss Elizabeth, 29, 38, 86
 Weingartner, Miss Mathilde M., 4, 34, 38, 39, 47, 75, 76, 84, 86, 87, 88
 Werb, Joseph, 53
 Werner, Dr. Aline, 13
 Werner, Edgar, 76
 "What's in a Name?," article, 62
 Whitaker, Frederic, 11, 52
 White, Mrs. Emma L. R., 52
 White, Mrs. Maxine P., 53, 90
 White, Theodore, 53, 71, 90
 Whitney, Miss Phyllis A., 3, 6, 35, 75
 Wiegmann, Dr. William H., 30, 38, 84
 Wilbur, Mrs. Theodora, 11, 52
 Wilke, Paul, 11, 13, 80
 Williamson, B. F., 76
 Willis, James F., 76, 81
 Wilson, Edward, 89
 Wilson, Capt. John, 70
 Wiman, Erastus, 53
 "Wings to Alaska," 30, 77
 Wolf, Paul, 89
 Woman's Auxiliary, 3, 7, 10, 23, 30, 36, 46, 52, 61, 72, 76, 77, 87
 "Wonders of the Great Barrier Reef," 54
 Woods of Arden House, 53
 Wotton, Robert M., 47, 54, 84
 Wylie, Mrs. Robert, 86

"Yahtsetasha," Memorial lecture, 3, 26, 76
 "Yang-Fei," portrait, 9
 "Yankee," Schooner, illus. 1
 Y. M. C. A., 72
 "Young People's Research," illus. 87

Zurmuhlen, Frederick H., Jr., 70, 72
 Zapata, Charles, 65







